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January-December 1982

Jackie L. Hatton, Editor

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**Air University Library**  
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This is a cumulative issue. It includes all indexing since the beginning of the current volume. No further reference to Issues Nos. 1-3 is necessary.

P r e f a c e

The *Air University Library Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 76 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations (triennial cumulative issues were published from 1952 through 1967). From 1949 to 1962 the *Index* was issued as *Air University Periodical Index*. Staff members of Air University Library index all of the periodicals with the exception of four titles which are indexed by other Air Force, Army, and Navy libraries. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries upon request.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

ROBERT B. LANE
Director
Air University Library

PERIODICALS INDEXED

- AEI For Pley & Def Rev--AEI Foreign Policy and Defense Review (6 nos. a year) \$18.00. American Enterprise Institute for Public Policy Research, 1150 17th St NW, Washington, DC, 20036.
- Aerosp Hist--Aerospace Historian (q) \$32.50. Eisenhower Hall, Kansas State University, Manhattan, KS, 66506.
- **Aerosp Intl--Aerospace International (bim) \$28.00. Mönch Publishing Group, P.O. Box 140 261, D 5300, Bonn 1, W.Ger.
- Air Def Mag--Air Defense Magazine (q) \$4.00. USAADS, ATTN: ATSA-TDL-S, Fort Bliss, TX, 79916.
- AF Compt--The Air Force Comptroller - AFRP 170-2 (q) \$10.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Engrg & Svcs Qtr--Air Force Engineering and Services Quarterly - AFRP 85-1 (q) \$11.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF J Log--Air Force Journal of Logistics - AFRP 400-1 (q) \$10.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Law Rev--Air Force Law Review - AFRP 110-1 (q) \$8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Mag--Air Force Magazine (m) \$15.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.
- **AF Pley Ltr for Comdrs:Sup--Air Force Policy Letter for Commanders:Supplement - AFRP 190-2 (ceased publication with Nov 1981 issue)
- AF Times--Air Force Times (w) \$32.50. Army Times Publishing Co, 475 School St SW, Washington, DC, 20024.
- Air Reservist - AFRP 30-1 (10 nos. a year) No price given. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AU Rev--Air University Review, the Professional Journal of the United States Air Force - AFRP 50-2 (bim) \$18.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- ***Airlift--Airlift, Journal of the Airlift Operations School - MACRP 50-1 (formerly Airlift Operations Review) (q) No price given. Editor, Airlift, HQ MAC AOS/DTP, Scott AFB, IL 62225.
- Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) \$23.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Am Avn Hist Soc J--American Aviation Historical Society Journal (q) \$20.00. American Aviation Historical Society, 2333 Otis St, Santa Ana, CA, 92704.
- Armada Intl--Armada International (bim) \$70.00. Weinbergstrasse 102, P.O. Box CH-8035, Zurich, Switzerland.
- Armed Forces & Soc--Armed Forces and Society (q) \$20.00. Sage Publications, 275 S. Beverly Dr, Beverly Hills, CA, 90212.
- Armed Forces Compt--Armed Forces Comptroller (q) \$7.00. Armed Forces Comptroller, P.O. Box 91, Mt Vernon, VA, 22121-0091.
- Armed Forces J Intl--Armed Forces Journal International (m) \$18.00. Army and Navy Journal, Inc, 1414 22d St NW, Washington, DC, 20037.
- Armor (bim) \$10.00. U.S. Armor Assoc, P.O. Box O, Fort Knox, KY, 40121.
- Army (m) \$16.00. Assoc of the U.S. Army, 2425 Wilson Blvd, Arlington, VA, 22201.
- Army Log--Army Logistician (bim) \$15.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Asian Def J--Asian Defence Journal (m) \$15.00. Syed Hussain Publication Sdn Bhd, 61-B Jalan Data Haji Eusoff, Damai Complex, P.O. Box 836, Kuala Lumpur, Malaysia.
- **Aviation, Space & Envmt Med--Aviation, Space, and Environmental Medicine (m) \$55.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.
- Combat Crew - SACRP 127-1 (m) \$22.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Concepts, the Journal of Defense Systems Acquisition Management (q) No price given. Defense Systems Management College, Fort Belvoir, VA, 22060.
- Def & For Aff--Defense & Foreign Affairs (m) \$70.00. Copley & Associates, SA, 1777 T St NW, Washington, DC, 20009.
- Defense/82 (m) \$14.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Def Elect--Defense Electronics (m) \$24.00. EW Communications, Inc, P.O. Box 50249, Palo Alto, CA, 94303.
- Def Mgt J--Defense Management Journal (q) \$8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Def Monitor (10 nos. a year) \$10.00. Center for Defense Information, 600 Maryland Ave SW, Washington, DC, 20024.
- Def Sci 2000+--Defense Science 2000+ (6 nos. a year) \$36.00. P.O. Box 1061, Skokie, IL 60077.
- Def Trans J--Defense Transportation Journal (bim) \$18.00. National Defense Transportation Assoc, 727 N. Washington St, Suite 200, Alexandria, VA, 22314.
- Educ J--Education Journal - AURP 53-3 (a) No price given. Air Force ROTC, AFOTC/OTEE, Bldg 501, Maxwell AFB, AL, 36112.
- Fld Arty J--Field Artillery Journal (bim) \$14.00. Field Artillery Assoc, P.O. Box 33027, Fort Sill, OK, 73503.
- Flying Safety (m) \$21.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Govt Exec--Government Executive (m) \$24.00. 1725 K St NW, Washington, DC, 20006.
- Hawk, the Independent Journal of the Royal Air Force Staff College (a) No price given. Royal Air Force Staff College, Bracknell, England.
- Infantry (bim) \$10.00. Editor, Infantry Magazine, Box 2005, Fort Benning, GA, 31905.
- Interavia (m) \$45.00. 86 Avenue Louis-Casai, 1216 Cointrin, Geneva, Switzerland.
- Intl Def Rev--International Defense Review (m) \$75.00. 86 Avenue Louis-Casai, 1216 Cointrin, Geneva, Switzerland.
- Intl Sec--International Security (q) \$18.00. M.I.T. Press, 28 Carleton St, Cambridge, MA, 02142.

*Titles added since the 1981 Cumulative Issue

**Titles ceased indexing since the 1981 Cumulative Issue

***Titles changed since the 1981 Cumulative Issue

PERIODICALS INDEXED (Cont'd)

- Intl Sec Rev--International Security Review (q) \$14.00. American Security Council Foundation, Boston, VA, 22713.
- Interservice (q) \$20.00. American Logistics Assoc, 5205 Leesburg Pike, Falls Church, VA, 22041.
- Islamic Def Rev--Islamic Defence Review (q) \$35.00. Islamic Institute of Defence Technology, 16 Grosvenor Crescent, London SW1, Eng.
- *Jt Persp--Joint Perspectives (q) No price given. Public Affairs Officer, Armed Forces Staff College, Norfolk, VA, 23511.
- *J of Elect Def--Journal of Electronic Defense (m) \$36.00. Horizon House - Microwave Inc, 610 Washington St, Dedham, MA, 02026.
- J Pol & Mil Sociol--Journal of Political and Military Sociology (sa) \$12.00. c/o New Life Center, Northern Illinois University, DeKalb, IL, 60115.
- Log Spectrum--Logistics Spectrum (q) \$20.00. Society of Logistics Engineers, Suite 922, Park Plaza, 303 Williams Ave, Huntsville, AL, 35801.
- MAC Flyer - MACRP 127-5 (m) \$17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- MarCor Gaz--Marine Corps Gazette (m) \$10.00. Marine Corps Assoc, P.O. Box 1775, Quantico, VA, 22134.
- Mil Elect/Countermeasures--Military Electronics/Countermeasures (m) \$40.00. ME/C Circulation Service Center, 2065 Martin Ave, Ste 104, Santa Clara, CA, 95050.
- Mil Engr--Military Engineer (bim) \$36.00. Society of American Military Engineers, 607 Prince St, P.O. Box 180, Alexandria, VA, 22313-0180.
- Mil Rev--Military Review (m) \$14.00. Military Review, USACGSC, Fort Leavenworth, KS, 66027.
- **Mil Sci & Tech--Military Science & Technology (6 nos. a year) \$36.00. Circulation Service Center, 2065 Martin Ave, Ste 104, Santa Clara, CA, 95050.
- *Mil Tech--Military Technology (9 nos. a year) \$36.00. Monch Media, Inc., McLean, VA, 22101.
- NATO's Fifteen Nations (8 nos. a year) \$36.00. Jules Perel's Publishing Co, Post Box 913, 35 Matterhorn, Amstelveen, NL1186EB, Netherlands.
- Natl Def--National Defense (10 nos. a year) \$25.00. American Defense Preparedness Assoc, Rosslyn Center, Suite 900, 1700 N. Moore St, Arlington, VA, 22209.
- Natl Guard--National Guard (m) \$4.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.
- Nav War Col Rev--Naval War College Review (q) No price given. Editor, Naval War College Review, Naval War College, Newport, RI, 02840.
- Navigator - AFRP 50-3 (3 nos. a year) \$8.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Officer (m) \$8.00. Reserve Officers Assoc of the U.S., 1 Constitution Ave, NE, Washington, DC, 20002.
- *Pac Def Rep--Pacific Defense Reporter (10 nos. a year) \$84.95. Peter Isaacson Publications Pty Ltd, 45-50 Porter St, Prahran, Vic 3181 Australia.
- Parameters, Journal of the U.S. Army War College (q) No Price given. Editor, Parameters, U.S. Army War College, Carlisle Barracks, PA, 17013
- RUSI J for Def Studies--RUSI, Journal of the Royal United Services Institute for Defence Studies (q) \$65.00. Royal United Services Institute, Whitehall, London, SWIA 2ET, Eng.
- Sea Power (m) \$10.00. HQ, Navy League of the U.S. 2300 Wilson Blvd, P.O. Box 400, Arlington, VA, 22210
- Sergeants (m) \$15.00. Air Force Sergeants Assoc, P.O. Box 31050, Temple Hills, MD, 20748.
- Signal (m) \$19.25. Armed Forces Communications and Electronics Assoc, 5641 Burke Centre Parkway, Burke, VA 22015.
- Soldiers, Official U.S. Army Magazine (m) \$31.00 Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Soviet Mil Rev--Soviet Military Review (m) \$24.00. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin, Inc, 12224 Parklawn Dr, Rockville, MD, 20852)
- Strat Rev--Strategic Review (q) No price given. United States Strategic Institute, 20 Memorial Dr, Cambridge, MA, 02142.
- TAC Attack - TACRP 127-1 (m) \$14.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- TIG Brief--The Inspector General Brief - AFRP 11-1 (biw) No price given. Editor, TIG Brief, Hq USAF/IGP, Washington, DC, 20330. Limited to AF offices.
- Translog (m) \$12.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- USAF Ftr Wpns Rev--USAF Fighter Weapons Review - AFRP 50-4 (q) No price given. 57FWW/COAR, Nellis AFB, NV 89191.
- *USAF J of Prof Mil Ethics--USAF Academy Journal of Professional Military Ethics (sa) No price given. U.S. Air Force Academy, CO, 80840.
- USA Avn Dig--United States Army Aviation Digest (m) \$26.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- US Nav Inst Proc--United States Naval Institute Proceedings (m) \$24.00. U.S. Naval Institute, Annapolis, MD, 21402.

The following abbreviations are used to denote frequency of issue:

a	annual	bim	every two months
biw	every two weeks	and/or	twice a month
m	monthly	q	quarterly
sa	twice a year	w	weekly

ARRANGEMENT

The subject entries are constructed on the direct entry principle. Most sponsor agency entries under U.S. have been eliminated and entry is directly under subject agency, e.g., STRATEGIC AIR COMMAND, not U.S. AIR FORCE. STRATEGIC AIR COMMAND. Specific military services of various countries are entered under their name, followed by the name of their country, e.g., AIR FORCE--Great Britain; ARMY--United States.

Material on United States military aircraft by name has been entered under the headings HELICOPTER TYPE and MISSILE TYPE. United States space vehicles by name have been entered under the heading SPACE PROJECT. Material on United States and foreign military aircraft by name has been entered under the heading AIRPLANE TYPE.

AERONAUTICS here embraces the technical and technological aspects of aviation and aircraft; AVIATION the art of flying, both military and civilian; and AIRLINES the commercial transportation companies; FLYING popular, nontechnical articles on the pleasures of flying.

Government departments are listed alphabetically by department title, e.g., DEFENSE DEPT--United States, not DEPARTMENT OF DEFENSE.

Author entries are included for admirals, generals, Dept of Defense officials, and others who are prominent in some field of Index interest.

An organization's abbreviation, if it is a national term, is used not only as a cross reference (e.g., NATO see NORTH ATLANTIC TREATY ORGANIZATION) but also as geographic subdivision (e.g., DEFENSES--NATO). Abbreviations and acronyms are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so listed alphabetically.

Reviews of books are grouped under BOOK REVIEWS: military poetry is listed under POEMS.

KEY TO ABBREVIATIONS

+ (after paging)	continuation of article not paged consecutively	Jun	June
Apr	April	Mar	March
Aug	August	Nov	November
bibliog	bibliography	No.	number
biog	biography	obit	obituary
chart	organizational chart	Oct	October
Dec	December	por	portrait(s)
Feb	February	Sep	September
illus	illustration(s)	sup	supplement
Jan	January	tab	table(s)
Jul	July	trans	translated
		vol	volume

EXPLANATION

Sample entry: ALLIED FORCES, CENTRAL EUROPE

The central region air battle. Gen Charles A. Gabriel. illus por NATO's Fifteen Nations Special Issue No.2:26-29+ '81

Explanation:

Under the subject ALLIED FORCES, CENTRAL EUROPE an article entitled "The central region air battle" by Gen Charles A. Gabriel, with illustrations and a portrait, appears in the magazine NATO's Fifteen Nations, on pages 26 through 29 (plus a continuation of the article not paged consecutively), Special Issue No.2, 1981.

A

A A B N C P see Advanced Airborne Command Post

A C E U R see Allied Command Europe

A C L A N T see Allied Command Atlantic

A E C P see Airman Education and Commissioning Program

A F A A see Air Force Audit Agency

A F C E A see Armed Forces Communications and Electronics Association

A F C E N T see Allied Forces, Central Europe

A F I S C see Air Force Inspection and Safety Center

A F I T see Air Force Institute of Technology

A F M P C see Air Force Manpower and Personnel Center

A F O S I see Office of Special Investigations

A F R E S see Headquarters Air Force Reserve

A F R O T C see Reserve Officers Training Corps--Air Force

A F S A T C O M see Air Force Satellite Communications System

A F T A C see Air Force Technical Applications Center

A F T E C see Air Force Test and Evaluation Center

A N Z U S TREATY

ANZUS: The politics of an alliance. P.Lewis Young. map Asian Def J No.12:66-67+ Dec '82

Admiral (Anthony) Synnot on vital defence issues. Interview. Denis Warner. Pac Def Rep 8:22-24+ May '82

The balance of forces in the East Asian-Pacific region. Wilhelm G.Grewe. illus NATO's Fifteen Nations 27:18-22+ Jun-Jul '82

Does ANZUS really matter to the U.S.? Dora Alves. Pac Def Rep 9:38+ Jul '82

The importance of ANZUS. Henry S.Albinski. (Adapted from An American Policy for Asia: The 1980s and Beyond, edited by R.H. Myers, 1982) illus Pac Def Rep 8:33+ Dec '81/Jan '82

New Zealand's defence: Progress and problems. J.H.Beaglehole. illus Pac Def Rep 8:232-233 Dec '81/Jan '82

A O C see Association of Old Crows

A P C see Armored Vehicles

A P R see Airman Performance Reports

A R T E P see Army Training and Evaluation Program

A S E A N see Association of Southeast Asian Nations

A S W see Antisubmarine Warfare

A U S A see Association of the U.S. Army

A U T O D I N see Automatic Digital Network

A U T O V O N see Automatic Voice Network

A V R A D C O M see Army Aviation Research and Development Command

A W A C S see Airborne Warning and Control System

ABORTIONS see Pregnancy

ABRAHAMSON, James A.

LtGen James A.Abrahamson: "The shuttle is the key to reducing space costs." LtGen Eugene F.Tighe, Ret. illus por Mil/Elect Countermeasures 8:62-64 Dec '82

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACCELERATION

Acceleration-induced atrioventricular dissociation: Hemodynamic consequences. James E. Whinnery. tab illus Aviation, Space & Envmt Med 53:432-434 May '82

An analysis of the risk of human cardiac damage during +Gz stress: A review. M.Harold Laughlin. illus Aviation, Space & Envmt Med 53:423-431 May '82

Cardiorespiratory assessment of 24-hour crash-diet effects on altitude, +Gz, and fatigue tolerances. Michael T.Lategola and others. tabs Aviation, Space & Envmt Med 53:201-209 Mar '82

G-tolerance enhancement: Straining ability comparison of aircrewmembers, nonaircrewmembers, and trained centrifuge subjects. James E. Whinnery. tab Aviation, Space & Envmt Med 53:232-234 Mar '82

Human endocrine responses to acceleration stress. F.John Mills and Vincent Marks. tabs Aviation, Space & Envmt Med 53:537-540 Jun '82

ACCIDENT PREVENTION

See also
Safety Programs

The AWTH (Accident Waiting To Happen) factor. Capt James C.White. illus MAC Flyer 29:4-7 May '82

Air refueling--no surprises please. CMSgt Jerry J.Ammons. illus Flying Safety 38: 14-15 Feb '82

Commanders: The FOD (Foreign Object Damage) prevention program needs your MDRs (Material Deficiency Report). TIG Brief 34:20 Nov 15 '82

"The eyes have it." Capt Michael W.Cole. Combat Crew 32:14-15+ Aug '82

Flyers anonymous. Regular feature in issues of MAC Flyer

ACCIDENT PREVENTION - Continued

Hydraulic fluid conversion. TIG Brief 34: 15-16 Jan 8 '82

Mishaps: Lessons learned or not? TIG Brief 34:21 Apr 16 '82

1982: The year of the Air Force professional. LtGen Howard W. Leaf. TIG Brief 34:2 Mar 19 '82

Quick stoppers. Regular feature in issues of MAC Flyer

"RAPS"--Regional Accident Prevention Survey Program. Timothy Flynn. illus USA Avn Dig 28:28-29 May '82

See and be seen (near midair collisions). SMSgt Marshall E. Holman. tabs Combat Crew 32:6-7+ May '82

Touch and go (landing). Capt Neal D. Coyle. illus Combat Crew 32:8-9 Jan '82

Wire strikes--the OH-58 strikes back. Jerry J. Morris and LtCol Donald E. S. Merritt. tabs illus USA Avn Dig 27:24-27 Dec '81

Wire strikes--we're not alone. illus USA Avn Dig 27:20-23 Dec '81

ACCIDENTSCauses

Protecting your eyes. TIG Brief 34:19 Apr 30 '82

Investigations

Mishap board investigation formal reports: Tips on Tab T. TIG Brief 34:17 Sep 27 '82

Mishap factor reporting. TIG Brief 34:15-16 Mar 5 '82

New changes to AFR 127-4 (Investigating and Reporting U.S. Air Force Mishaps). TIG Brief 34:21 Feb 5 '82

Post-crash management. TIG Brief 34:22 Sep 13 '82

Waiver of formal mishap report requirements. TIG Brief 34:19 Jun 25 '82

Study and Teaching

Investigation courses offered. TIG Brief 34:17 Jul 23 '82

Statistics

Slips, trips, and falls. TIG Brief 34:17 Mar 19 '82

ACCIDENTS, AIR

Crash in Tennessee kills nine; other accidents take two lives. AF Times 43:4 Sep 13 '82

Emotional reactions to military aircraft accidents. David R. Jones. Aviation, Space & Envmt Med 53:595-598 Jun '82

ACCIDENTS, AIR - Continued

(580) A-10s (to the Air Force, Air Force Reserve, and Air National Guard). Maj James H. Ground. illus tabs Flying Safety 38:6-9 May '82

Hepato-splenic injury in aircraft accidents. I.R. Hill. tabs Aviation, Space & Envmt Med 53:19-23 Jan '82

Improving the crashworthiness of general aviation aircraft by crash injury investigations. William R. Kirkham. illus Aviation, Space & Envmt Med 53:319-325 Apr '82

Is the guy in your mirror an enemy? Maj Terrell J. Osborn. illus Flying Safety 38:8-13 Jul '82

On hitting things. Maj John E. Richardson. illus Flying Safety 38:6-8 Jan '82

Pilot error, human error. SSgt William C. Hawkins. illus USA Avn Dig 28:40-43 Sep '82

Professionalism and the FY 82 aircraft accident record. Col Joseph R. Koehler. tab illus USA Avn Dig 28:14-17 Nov '82

Sarcoidosis in aircrew. A.J.C. Balfour. tabs Aviation, Space & Envmt Med 53:269-272 Mar '82

See and be seen (near midair collisions). SMSgt Marshall E. Holman. tabs Combat Crew 32:6-7+ May '82

Thunderbirds to remain together despite crash. Leonard Famiglietti. illus AF Times 42:3 Feb 1 '82

CausesSee also

Pilot Error

(Army aircraft mishaps)--telling it like it is. USA Avn Dig 28:16-19 Jan '82

Bird avoidance model. Capt Jeffrey J. Short. illus tab maps Flying Safety 38:12-15 Jun '82

Black September (nine operations-related mishaps). Maj John E. Richardson. illus Flying Safety 38:2-3 Sep '82

Boom-boom-bash (another BDA (Boom Damage Assessment) report). Maj Arthur P. Meikel. illus tab Flying Safety 38:12-13 Feb '82

Check your oxygen. K.E. Underwood Ground. illus Aviation, Space & Envmt Med 53:24-26 Jan '82

FOD update. Maj Brian D. Hudson. illus tabs Flying Safety 38:10-11 Sep '82

(580) A-10s (to the Air Force, Air Force Reserve, and Air National Guard). Maj James H. Ground. illus tabs Flying Safety 38:6-9 May '82

Flying in the wake. tab MAC Flyer 29:8-9 Aug '82

Get-there-it-is. illus tab Flying Safety 38: 13-15 Oct '82

ACCIDENTS, AIR - ContinuedCauses - Cont'd

Hazards of low level flying. Col Grant B. McNaughton. illus Flying Safety pt 1, 37: 8-9 Nov '81; pt 2, 37:12-15 Dec '81; pt 3, 38:9-11 Feb '82; pt 4, 38:18-20 Mar '82; pt 5, 38:14-16 May '82

The laser horizon. Maj Timothy J. Shaw. illus Flying Safety 38:22-23 Sep '82

Lightning strike. Capt Robert N. Hess. Combat Crew 32:6-7 Mar '82

Mishaps with a moral. Regular feature in some issues of MAC Flyer

On fusion confusion. Capt Clifford M. Wippel. illus Combat Crew 32:4-5+ Jun '82

Priorities: When pressures mount, what becomes important? illus TAC Attack 22:4-5 Mar '82

Quick stoppers. Regular feature in issues of MAC Flyer

Temporal distortions and the ejection decision. LtCol Douglas M. Carson. Flying Safety 38:8-10+ Mar '82

Then and now. Maj John E. Richardson. illus tab Flying Safety 38:6-9+ Sep '82

Thunderbird accident cause--stabilizer-related, not pilot. illus AF Times 42:23 Apr 12 '82

When will we learn about mountain flying? Raymond P. Johnson. illus USA Avn Dig 28: 16-19 Jul '82

A wild ride (F-4 mishap). Benjamin S. Lambeth. illus Flying Safety 38:12-16 Sep '82

Wire strikes--the OH-58 strikes back. Jerry J. Morris and LtCol Donald E. S. Merritt. tabs illus USA Avn Dig 27:24-27 Dec '81

Investigations

Aircraft lightning strikes--an unavoidable phenomena? Maj James E. Ellis. illus tabs Flying Safety 38:16-18 Jan '82

Analysis of dental materials as an aid to identification in aircraft accidents. G.S. Wilson and D.W. Cruickshanks-Boyd. illus tabs Aviation, Space & Envmt Med 53:326-331 Apr '82

Forensic dentistry. William M. Morlang. illus tabs Aviation, Space & Envmt Med 53:27-34 Jan '82

The prevalence of visual deficiencies among 1979 general aviation airmen. J.R. Dille and C.F. Booze, Jr. tabs Aviation, Space & Envmt Med 53:179-182 Feb '82

Reporting intercommand air refueling mishaps. TIG Brief 34:20 Jan 22 '82

Thunderbird accident cause--stabilizer-related, not pilot. illus AF Times 42:23 Apr 12 '82

Wire strikes--we're not alone. illus USA Avn Dig 27:20-23 Dec '81

ACCIDENTS, AIR - ContinuedInvestigations - Cont'dHistory

The historical background to aerospace pathology. I.R. Hill. tab Aviation, Space & Envmt Med 53:1-5 Jan '82

Statistics

Black September (nine operations-related mishaps). Maj John E. Richardson. illus Flying Safety 38:2-3 Sep '82

The fighters (aircraft mishap data). Maj Bruce Cox and others. illus tabs Flying Safety 38:8-17 Apr '82

The heavies (aircraft mishap data). Maj John J. Colsch. illus tabs Flying Safety 38:19-29 Apr '82

How it went (flight safety). Capt Mike Malone. illus tabs Flying Safety 38:2-3 Aug '82

1981 mishap statistics--a good year for MAC. tabs MAC Flyer 29:8-9 Apr '82

1982 aircraft mishap forecast: The way it will be? LtCol John R. Alberts. tabs Flying Safety 38:3-4 Apr '82

1982 forecast by aircraft and mishap category. LtCol John R. Alberts. illus tabs Flying Safety 38:22-24 May '82

1982: The year of the Air Force professional. LtGen Howard W. Leaf. TIG Brief 34:2 Mar 19 '82

Professionalism and the FY 82 aircraft accident record. Col Joseph R. Koehler. tab illus USA Avn Dig 28:14-17 Nov '82

Single vs twin engine fighter/attack. LtCol John R. Alberts. illus tabs Flying Safety 38:4 Aug '82

Then and now. Maj John E. Richardson. illus tab Flying Safety 38:6-9+ Sep '82

Ups and downs (in the flight safety arena). LtCol John R. Alberts. illus tabs Flying Safety 38:5-7 Apr '82

ACCIDENTS, GROUND (AIRCRAFT)

... the aircraft has crashed and is burning. SMSgt Donald W. Warner. illus Flying Safety 38:4-8 Feb '82

An analysis of civil aviation propeller-to-person accidents: 1965-79. William E. Collins and others. tabs Aviation, Space & Envmt Med 53:458-462 May '82

Blown tire season. LtCol Horst A. Gaede. illus Flying Safety 38:16-17 Feb '82

Tie-down sense. Ira J. Rimson. illus Flying Safety 38:18-19 Aug '82

Statistics

Ups and downs (in the flight safety arena). LtCol John R. Alberts. illus tabs Flying Safety 38:5-7 Apr '82

ACCIDENTS, TRAFFIC

Release of uniform police traffic collision report (AF Form 1315). TIG Brief 34:11 Feb 19 '82

Statistics

Motorcycle fatalities. TIG Brief 34:16 Sep 27 '82

Private Motor Vehicle (PMV) facts. tab TIG Brief 34:13 Apr 2 '82

ACCOUNTING

Assistant Comptroller for Accounting & Finance. Regular feature in issues of Air Force Comptroller

E-9s move into AFO (Accounting and Finance Operations) slots once reserved for officers. AF Times 42:26 May 31 '82

Management opportunity: Accounting on NATO's southeastern frontier. Capt F.G. Beisser. AF Compt 16:32-35 Jan '82

Prospects good for a great leap forward in Army finance and accounting. John Cooley and Clyde Jeffcoat. illus Armed Forces Compt 27:44-46 Winter '82

ACES

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 65:171-187 May '82

Eddie Rickenbacker: America's ace of aces. H.R.Kaplan. illus por Sergeants 21:28-30 Nov '82

ADJUTANT GENERALNational Guard--ArmyDirectories

State Adjutants General. Army 32:230-231 Oct '82

ADMIRALS see Flag Officers

ADOPTION see Children, Military

ADVANCED AIRBORNE COMMAND POST

Inside the looking glass (SAC airborne command post). Capt Katie Cutler. illus Airman 26:7-12 Sep '82

ADVANCED MANNED STRATEGIC AIRCRAFT

See also
Airplane Type--B-1

AEGEAN SEA REGIONStrategic Importance

The importance of the Hellenic Navy in Southern Europe operations. VAdm Nicos Pappas. illus NATO's Fifteen Nations Special Issue No.2:48-50 '82

AERIAL REFUELING see In-Flight Refueling

AERIAL WARFARE see Air Warfare

AERO CLUBSUnited States

Air Force aero clubs' 'mission connection.' tab TIG Brief 34:10 Dec 20 '82

AEROBATICS

See also
Thunderbirds

AEROBICS see Physical Fitness

AERODYNAMICS

The search for aircraft manoeuvrability. Hans M.Franke. tabs illus Mil Tech 6:137-138+ Oct '82

Tail rotor trickery. Maj J.P.Cress. illus Flying Safety 38:22-25 Aug '82

Wing surface roughness: Cause & effect. Ralph E.Brumby. illus tab Flying Safety 38:14-17 Dec '82

AEROMEDICAL EVACUATION

Dustoff Panama. Maj Bruce G.Furbish. illus USA Avn Dig 28:38-39 Nov '82

The Nightingale shuttle: Patients, paella, and professionals. Capt Gale E.Clouse, Jr. illus MAC Flyer 29:22-23 Jun '82

Wartime airlift aeromedical style. Capts Dan Reay and David Walker. illus Airlift 4: 16-20 Summer '82

History

The evolution of aeromedical airlift. Shelley Peterson. illus Airlift 4:25-28 Summer '82

AEROMEDICINE see Aviation Medicine

AERONAUTICAL CHARTS

What's new in flight information publications? FLIP (Flight Information Publication) through the changes. Capt Gale E. Clouse, Jr. illus MAC Flyer 29:4-7 Aug '82

AERONAUTICAL CONFERENCES see Conferences, Aeronautical

AERONAUTICAL ENGINEERING

Theodore Von Kármán, 1881-1963 (influenced the course of modern aeronautics, rocketry, and astronautics). R.Cargill Hall. illus por Aerosp Hist 28:253-258 Dec '81

AERONAUTICAL INSTRUMENTS

See also specific types of Instruments, e.g.,
Altimeters

An alternate AH-1 TOW Training System. Capt Bruce Coons. illus USA Avn Dig 28:38-41 Feb '82

Big I. Regular feature in some issues of
Combat Crew

AERONAUTICAL INSTRUMENTS - Continued

Dive toss: Prior to the pass. Capt Wesley B. Hester. illus USAF Ftr Wpns Rev No.4:9-12 Spring '82

TA anomalies. Capt William Ohlmeyer. tabs Combat Crew 32:12-13 Dec '82

AERONAUTICAL LABORATORIES

Wizardry at Wright-Pat. Capt Phil Lacombe. illus AF Mag 65:66-71 Jan '82

AERONAUTICS

This heading is used for articles on technical and technological aspects of aviation and aircraft, both military and civilian; Airlines is used for articles on commercial air transportation companies; Flying is used for popular, nontechnical articles on the pleasures of flying.

See also
Altitude Flying Instrument Flying
Aviation Night Flying
Flight, Low-Altitude Visual Flying

History

Theodore Von Kármán, 1881-1963 (influenced the course of modern aeronautics, rocketry, and astronautics). R.Cargill Hall. illus por Aerosp Hist 28:253-258 Dec '81

AEROSPACE DEFENSE CENTER

Aerospace Defense Center. illus por AF Mag 65:142 May '82

AEROSPACE INDUSTRY AND TRADE

See also
Aircraft Industry and Trade
Electronic Industry and Trade
Missile Industry and Trade
Space--Commercial Applications

Aerospace international. Regular feature in issues of Military Technology beginning with March 1982

Aerospace world. Regular feature in issues of Air Force Magazine

Industrial periscope: A business, technological & scientific news bulletin. Regular feature in some issues of NATO's Fifteen Nations

The world of aerospace. Regular feature in issues of Interavia

France

French industry--nationalization! Is that what you said? Pierre Condom and Germain Chambost. illus Interavia 37:581-582 Jun '82

Germany (West)

Hanover--a place of action. Felix Müller. illus Armada Intl 6:112+ Jul-Aug '82

Self-help for hard times. Chris Bulloch and others. illus Interavia 37:334-335 Apr '82

AEROSPACE INDUSTRY AND TRADE - ContinuedGreat Britain

Anticipating the needs of the service--a view from industry. R.D.Boot. Hawk, pp 29-35, Feb '82

IDR talks to Admiral Sir Raymond Lygo, British Aerospace. Interview. illus Intl Def Rev 15, No.11:1502-1504 '82

The migration of the Hawk. John F.Webb. illus Asian Def J No.2:73 Feb '82

Military aviation--British Aerospace charts its future. illus Interavia 37:790-791 Aug '82

UK aerospace adjusts to Thatcher regime. illus Interavia 37:789 Aug '82

Italy

The Italian aerospace industry--a firm future at last? Marc Grangier and Mark Lambert. illus tabs Interavia 37:157-170 Feb '82

United States

DOD procurement policy: The effect on aerospace financial risk. Col James R.Woody. Def Mgt J 18:22-27 Third Quarter '82

Pressures build for DOD to buy and help sell Northrop F-5G as its business prospects look bleaker than advertised. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 120:88-89+ Sep '82

AEROSPACE MEDICINE see Aviation MedicineAEROSPACE POWER

See also
Air Defenses
Interavia--world air forces survey 1982. tabs illus Interavia 37:51-55+ Jan '82

Jane's aerospace survey. John W.R.Taylor. illus AF Mag 65:40-47 Jan '82

Western air power in transition. Roy Braybrook. illus Def & For Aff 9:19-21 Oct '81

History

Why the Allies won the air war. Col Mozes W.A.Weers. AU Rev 33:115-119 Jan-Feb '82

Asia, South

The air forces of Asia. Pushpindar Singh. illus tabs Asian Def J No.1:28-34+ Jan '82

Asia, Southeastern

The air forces of Asia. Pushpindar Singh. illus tabs Asian Def J No.1:28-34+ Jan '82

Australia

Australia's maritime air power: Where next? A.W.Grazebrook. illus Pac Def Rep 9:8-12 Jul '82

AEROSPACE POWER - ContinuedGreat Britain

Airpower in Britain's future. AVM Michael W.P.Knight. Strat Rev 10:29-35 Summer '82

N A T O

The central region air battle. Gen Charles A.Gabriel. illus por NATO's Fifteen Nations Special Issue No.2:26-29+ '81

Soviet Union

Does Soviet air power endanger world peace? Eric Rajah. illus tabs Def Elect 14:97+ Jan '82

8th annual Soviet aerospace almanac. illus charts tabs AF Mag 65:38-60+ Mar '82

Soviet air power: The ever-escalating threat. (Excerpted from 1981 RAF Yearbook) illus Pac Def Rep 8:199-204 Dec '81/Jan '82

United States

Airpower Research Institute. AU Rev 33:101 Jan-Feb '82

The new imperatives of U.S. aerospace power. Edgar Ulsamer. AF Mag 65:84-87 Jan '82

The promises and pitfalls of USAF-Navy cooperation. VADM Gerald E.Miller, Ret. illus AF Mag 65:66-67+ Nov '82

The resurgence of American air power. H.R. Kaplan. illus Sergeants 21:20-24 Sep '82

Thank God for the sitting ducks! ADM Thomas B.Hayward. illus tabs US Nav Inst Proc 108: 22-25 Jun '82

History

War, politics, and hostile will. (Ira C.Eaker Essay--second prize winner) LtCol Dennis M. Drew. AU Rev 33:33-39 Mar-Apr '82

AEROSPACE RESCUE AND RECOVERY SERVICE

A milestone in lives. SSgt Jim Katzaman. illus Airman 26:40-44 Feb '82

Pararescuers put lives on line--Reservists have role in life-saving mission. TSgt Bob Miskowicz. illus Officer 58:12-13 Dec '82

AFGHANISTAN

80,000 Soviet troops a threat. (Speech, United Nations) Tan Sri Ghazali Shafie. illus Asian Def J No.1:11 Jan '82

Foreign RelationsSoviet Union

Afghanistan in the Bear's embrace. Denis Warner. illus map Pac Def Rep 9:51-53 Oct '82

The Soviet invasion of Afghanistan: Its inevitability and its consequences. Lawrence E.Grinter. maps Parameters 12:53-61 Dec '82

AFGHANISTAN - ContinuedStrategic Importance

Afghanistan revisited: "The great game." Maj Richard D.Wiegman. map illus Jt Persp 2:84-95 Spring '82

AFGHANISTAN CONFLICT, 1979-

Afghanistan in the Bear's embrace. Denis Warner. illus map Pac Def Rep 9:51-53 Oct '82

Afghanistan 1982--the war continues. David C. Isby. illus map Intl Def Rev 15, No.11: 1523-1528 '82

Afghanistan revisited: "The great game." Maj Richard D.Wiegman. map illus Jt Persp 2:84-95 Spring '82

Afghanistan: The empire strikes out. Joseph J.Collins. Parameters 12:32-41 Mar '82

Afghanistan: What impact on Soviet tactics? MSgt William T.Beck and others. illus maps Mil Rev 62:2-11 Mar '82

Fighting in Afghanistan. Lt Paul H.Vivian. illus Infantry 72:17-21 Jan-Feb '82

Russians in Afghanistan to stay. Denis Warner. Pac Def Rep 8:29-30 Mar '82

Scorched-earth policy: Soviets in Afghanistan. Maj John M.Hutcheson. illus Mil Rev 62:29-37 Apr '82

The scourge of chemical warfare in Indo-China, Afghanistan. illus Asian Def J No.8:76-77+ Aug '82

Soviet fortunes on the southern tier: Afghanistan, Iran, and Pakistan. Shirin Tahir-Kheli. Nav War Col Rev 34:3-13 Nov-Dec '81

Soviet helicopter operations in Afghanistan. Hunter Alexander. illus Natl Def 67:27+ Nov '82

The Soviet invasion of Afghanistan: Its inevitability and its consequences. Lawrence E.Grinter. maps Parameters 12:53-61 Dec '82

Soviet war in Afghanistan: Three years later. G.Jacobs. illus map tabs Asian Def J No.12: 34-36+ Dec '82

Chronology

Afghanistan: The Soviet experience. James H. Hansen. illus map Natl Def 66:20-24+ Jan '82

AFRICA

AWACS and other Mideast arms. Jim Bussert. illus tabs map Mil Elect/Countermeasures 8:34+ Jan '82

AFRICA, SOUTH

Here are entered articles on the southern region of Africa. For the Country of South Africa see South Africa (Republic).

AFRICA, SOUTH - Continued

High strategic stakes in Southern Africa. James Hansen. illus tab Natl Def pt 1, 66:42-46 May-Jun '82; pt 2, 67:42-46 Jul-Aug '82

Southern Africa & South Africa: The politics of necessity. Maj David F. McNierney. illus Jt Persp 3:14-23 Summer '82

Politics and Government

Reform and stability in South Africa. Samuel P. Huntington. tabs Intl Sec 6:3-25 Spring '82

Strategic Importance

Constraints on superpower intervention in Sub-Saharan Africa. Robert J. Lilley. map Parameters 12:63-75 Sep '82

AFRICA, SUB-SAHARAN

African navies south of the Sahara. Robert L. Scheina. illus map US Nav Inst Proc 108: 56-59 Mar '82

AFRICA, WEST

On the edge of dynamism: West Africa begins to define its strategic needs. Michael C. Dunn. Def & For Aff 10:6-7+ Sep '82

Economic Conditions

West Africa's economic realities. Benjamin Lay. Def & For Aff 10:11-12 Sep '82

AGE

See also
Old Age

AGRICULTURESoviet Union

Behind U.S. grain sales to the USSR. Mikhail S. Bernstam. Def & For Aff 10:22-24 Sep '82

AIDES

In uniform at the White House. Deborah M. Kyle. illus Armed Forces J Intl 120:80-81 Dec '82

AIR ASSAULT CONCEPT

Air assault division logistics. Col Albert B. Luster. illus Army Log 14:2-6 Sep-Oct '82

Putting the air assault in the air assault division. LtCol Barry J. Sottak and Maj Charles B. Cook. illus USA Avn Dig 28:10-15 May '82

Study and Teaching

Air assault. Tom Kiddoo. illus Soldiers 37: 26-32 Jul '82

AIR BASE DEFENSE

See also
Disaster Control

AIR BASE DEFENSE - Continued

Air base survivability. Col Darrell G. Bittle. illus AF Engrg & Svcs Qtr 23:7-13 Spring '82

Air base survivability in Europe: Can USAFE survive and fight? Maj Stephen C. Hall. illus AU Rev 33:36-46 Sep-Oct '82

Air defence mythology. John Clements. illus RUSI J for Def Studies 127:27-32 Sep '82

Can we survive and win? James R. Van Orman and Clarence E. Langford. illus tab AF Engrg & Svcs Qtr 23:14-18 Spring '82

Clark Field: Air defense debacle in the Philippines. Blair Case. illus Air Def Mag, pp 4-7, Jul-Sep '82

Conventional air defence in Europe. Col Braune. illus NATO's Fifteen Nations Special Issue No.1:13+ '82

House (Armed Services Committee) Panel adds funds for major air defense initiative in Europe. Benjamin F. Schemmer. illus Armed Forces J Intl 119:30+ May '82

The problem of airfield defence. LtCol Andrew Andrews. illus tabs NATO's Fifteen Nations Special Issue No.1:75+ '82

United States. Gen Charles A. Gabriel. illus por NATO's Fifteen Nations Special Issue No.1:43 '82

Equipment

Internal security equipment survey. illus Intl Def Rev 15, No.10:1445-1448 '82

AIR BASES

See also
Air Bases, Naval
Inactivation of Installations and Units--
Armed Forces
Tenant Units

Air Reserve forces need allied fields. illus Officer 58:11-13 Jul '82

Construction

Lack of pact delays Ras Banas buildup. AF Times 42:12 Jan 18 '82

Maintenance and Repair

Air base survivability in Europe: Can USAFE survive and fight? Maj Stephen C. Hall. illus AU Rev 33:36-46 Sep-Oct '82

Survivability

Air base survivability in Europe: Can USAFE survive and fight? Maj Stephen C. Hall. illus AU Rev 33:36-46 Sep-Oct '82

Airfield survivability and VSTOL. AVM Patrick Hine. illus NATO's Fifteen Nations Special Issue No.1:59-60+ '82

AIR BASES - ContinuedEurope, Western

Airfield survivability and VSTOL. AVM Patrick Hine. illus NATO's Fifteen Nations Special Issue No.1:59-60+ '82

Middle East

Soviets flex rapid deployment force. James Bussert. tab illus map Def Elect 14:90-91+ Jan '82

United States

Air bases are entered by name and location as given by the U.S. Organization Chart Service's U.S. Military and Government Installation Directory.

New standard ends gaudy gate signs. John Ginovsky. illus AF Times 43:4 Dec 20 '82

Shifts proposed for basing planes. Leonard Famiglietti. AF Times 42:1+ Feb 22' 82

Directories

Guide to ANG (Air National Guard) and AFRES (Air Force REServe) bases. AF Mag 65:195-198 May '82

Guide to military installations in the U.S. illus maps AF Times, Times Magazine sup: entire issue Apr 5 '82

Guide to USAF bases (and stations) at home and abroad. map AF Mag 65:188-195 May '82

Castle AFB, CA

Castle (AFB, CA): The second time around . . . Capt Jerry D.Horne. illus Combat Crew 32:10-11 Dec '82

Chanute AFB, IL

A new way of life (at Chanute Technical Training Center). CMSgt Dave Sheeder. illus Airman 26:40-48 Jun '82

Davis-Monthan AFB, AZ

An Air Force just waiting. TSgt Lorenzo D. Harris. illus Airman 26:2-7 Jul '82

Edwards AFB, CA

Bold obsession (at Edwards AFB, CA). Maj Anthony Lynn Batezel. Airman 26:26-28 Sep '82

Eglin AFB, FL

Restricted area intrusion. 1stLt Dale T. Pierce. illus Flying Safety 38:10-12 Oct '82

Lowry AFB, CO

Lowry Technical Training Center, Lowry AFB, CO, Commander. Interview. MajGen Titus C. Hall. por illus Navigator 29:9-12 Spring '82

Mather AFB, CA

Electronic warfare training at Mather (AFB, CA). Capt Patrick Reynolds. illus Navigator 29:18-21 Spring '82

AIR BASES - ContinuedUnited States - Cont'dMaxwell AFB, AL

USAF plans major new training facility (at Maxwell Air Force Base, AL). J of Elect Def 5:23 Feb '82

Sheppard AFB, TX

12 flags over Texas. (Pilots from NATO countries train at Sheppard AFB, TX) MSgt Alan Prochoroff. illus Airman 26:2-7 Nov '82

Vandenberg AFB, CA

Rezoning would allow houses in path of shuttle debris. John Ginovsky. AF Times 42:7 May 3 '82

Warren AFB, WY

Warren (AFB, WY) due MX late '86. Leonard Famiglietti. AF Times 43:1+ Dec 6 '82

AIR BASES, AMERICANDirectories

USAF's principal bases overseas. AF Mag 65: 193 May '82

Azores

Recycling . . . the economical alternative. Lt Richard A.McDonald. illus AF Engrg & Svcs Qtr 23:16-17 Summer '82

Egypt

Lack of pact delays Ras Banas buildup. AF Times 42:12 Jan 18 '82

Germany (West)

Getting a face-lift. Capt Elton Strange. illus AF Engrg & Svcs Qtr 23:12-15 Summer '82

Iceland

Iceland tanker task force--an aircrew perspective. Capt Harold D.Shoemaker. illus Combat Crew 32:6-7+ Jun '82

Indian Ocean Region

Diego Garcia: Political clouds over a vital U.S. base. Joel Larus. illus Strat Rev 10:44-45 Winter '82

Philippines

Clark Field: Air defense debacle in the Philippines. Blair Case. illus Air Def Mag, pp 4-7, Jul-Sep '82

AIR BASES, NAVALUnited States

Naval air bases are entered by name and location as given by the U.S. Organization Chart Service's U.S. Military and Government Installation Directory.

AIR BASES, NAVAL - ContinuedUnited States - Cont'dHistory

NAS Lakehurst 1921-1941: A photographic history. William F. Althoff. illus Am Avn Hist Soc J 27:2-14 Spring '82

AIR CABIN CREWS see Cabin Crews

AIR CARGO

See also
Hazardous Substances--Transportation

Load planning, rapid mobilization and the computer. Capt Walter F. Huebner. illus AF J Log 6:22-24 Winter '82

Technology advancement in air cargo. J.T. Hinely, Jr. illus Def Trans J 38:39-45 Dec '82

A uniform national air-cargo system--do we need it? Paul D. Tuck. illus tabs AU Rev 33:58-67 Jul-Aug '82

AIR CAVALRY

Armor aviation. Capt Thomas H. Trant. illus Armor 91:26-29 Mar-Apr '82

AIR COMMANDOSHistory

The first air commandos. Luigi Rossetto. illus Aerosp Hist 29:2-12 Mar '82

AIR CREWS

See also
Cabin Crews
also specific kinds of crew members,
e.g.,
Navigators
Pilots
Radio Operators

Analysis of dental materials as an aid to identification in aircraft accidents. G.S. Wilson and D.W. Cruickshanks-Boyd. illus tabs Aviation, Space & Envmt Med 53:326-331 Apr '82

Beta adrenergic blocking agents to control hypertension in aviation personnel. C.L. Schamroth and others. Aviation, Space & Envmt Med 53:403-404 Apr '82

Dieting and flying. Col Lowell C. Suckow. Flying Safety 38:21 Mar '82

The extraction and identification of drugs in aviation toxicology. R.W. Mayes. tabs Aviation, Space & Envmt Med 53:332-335 Apr '82

G-tolerance enhancement: Straining ability comparison of aircrewmembers, nonaircrewmembers, and trained centrifuge subjects. James E. Whinnery. tab Aviation, Space & Envmt Med 53:232-234 Mar '82

Hepatitis virus infection in flying airline personnel. F. Holdener and others. tabs Aviation, Space & Envmt Med 53:587-590 Jun '82

AIR CREWS - Continued

Limitations of the exercise stress test in the detection of coronary artery disease in apparently healthy men. Sterling R. Piepgrass and others. Aviation, Space & Envmt Med 53:379-382 Apr '82

Liver pathology in aircrew. K.E. Underwood. Ground. tabs Aviation, Space & Envmt Med 53:14-18 Jan '82

News for crews. Flying Safety 38:19 Jan '82.

Pilot, mission crew positions open to women on AWACS. Leonard Famiglietti. AF Times 42:1+ Mar 29 '82

Sarcoidosis in aircrew. A.J.C. Balfour. tabs Aviation, Space & Envmt Med 53:269-272 Mar '82

Syncopal in aircrew. William H. Sledge and James A. Boydston. tabs Aviation, Space & Envmt Med 53:258-265 Mar '82

Education and Training

Bright Star '82. AlC Pamela J. Prevost. illus Flying Safety 38:6-9 Jun '82

Programming your own on-board computer. Robert E. Coward. TAC Attack 22:28-29 Feb '82

RDF Red Flag. LtCol Mike Nelson. illus USAF Ftr Wpns Rev, pp 5-8, Summer '82

Survival truths. SMSgt Peter Kummerfeldt. Flying Safety 38:20-21 Jun '82

TACTS/ACMI: Aircrew training experience. Charles A. Whitney. illus Natl Def 66:17-18+ Feb '82

Transitioning (process of learning the skills and procedures for becoming proficient in a new task). Anchar F. Zeller. Flying Safety 38:16-20 Oct '82

AIR CUSHION VEHICLES

Amphibious warfare: What sort of future? Col Joseph E. Alexander. illus US Nav Inst Proc 106:62-68 Feb '82

Military hovercraft. Alan Blunden. illus tabs Intl Def Rev 15, No. 11:1539-1545 '82

The surface effect amphibious assault ship. Michael Stoiko and Isidor Patapis. illus tabs MarCor Gaz 66:46-53 Mar '82

AIR DEFENSE SUPPRESSION see Defense Suppression

AIR DEFENSES

See also
Missile Defense
Warning Systems

AEW (Airborne Early Warning) aircraft: A growing trend. Bonner Day. illus NATO's Fifteen Nations 26:62-63 Dec '81-Jan '82

AIR DEFENSES - Continued

Air defence on the battlefield. Rudolf Walter. illus tabs NATO's Fifteen Nations 27:108+ Oct-Nov '82

Command, control and communications in air defense. Kurt Arbenz. illus Armada Intl (Special Issue I) 6:2+ May-Jun '82

Covert/passive air defense sensors: A new approach to air defense. Mike Maxfield. illus Air Def Mag pt 1, pp 6-9, Apr-Jun '82; pt 2, pp 15-18, Jul-Sep '82

Low-level air defence with Rapier. Stefan Geisenheyner. illus Asian Def J No.2:54-58+ Feb '82

The war against eagles (defenses against striking, hostile aircraft). Michael C. Dunn. illus Def & For Aff 10:20-21+ Aug '82

Study and Teaching

Multiple integrated laser engagement system. Capt William L.Terrill. illus Air Def Mag, pp 28-29, Oct-Dec '81

Selling the air threat or how to educate a division. 1stLt John S.Hudson. illus Air Def Mag, pp 6-8, Oct-Dec '81

Baltic Sea Region

Air defence in the Baltic: Has the tide turned? Brian Wanstall. maps illus Interavia 37:1297-1299 Dec '82

Belgium

Belgium. LtGen Marcel De Smet. illus NATO's Fifteen Nations Special Issue No.1:20-21 '82

Great Britain

Airpower in Britain's future. AVM Michael W.P.Knight. Strat Rev 10:29-35 Summer '82

Flying the Tornado F.2 air defense variant. Peter Gordon-Johnson. illus Intl Def Rev 14, No.12:1627-1632 '81

Re-shaping the Royal Air Force. Derek Wood. illus map Intl Def Rev 15, No.3:311-316 '82

United Kingdom. ACM Michael Beetham. illus NATO's Fifteen Nations Special Issue No.1:41-42 '82

UK air defence---a NATO necessity. AVM P.R. Harding. Hawk, pp 15-26, Feb '82; NATO's Fifteen Nations Special Issue No.1:54-55+ '82

Greece

Greece. LtGen Nikolaos Kouris. illus NATO's Fifteen Nations Special Issue No.1:27 '82

Italy

Italy. Gen L.Bartolucci. illus NATO's Fifteen Nations Special Issue No.1:30-31 '82

AIR DEFENSES - ContinuedN A T O

Belgium. LtGen Marcel De Smet. illus NATO's Fifteen Nations Special Issue No.1:20-21 '82

Canada. LtGen Kenneth Edward Lewis. illus NATO's Fifteen Nations Special Issue No.1:21 '82

The central region air battle. Gen Charles A.Gabriel. illus por NATO's Fifteen Nations Special Issue No.2:26-29+ '81

The changed picture: NAEW (NATO Airborne Early Warning). MajGen L.R.Palmerston. illus por NATO's Fifteen Nations Special Issue No.1:46+ '82

Conventional air defence in Europe. Col Braune. illus NATO's Fifteen Nations Special Issue No.1:13+ '82

Denmark. MajGen Niels Holst-Sørensen. illus NATO's Fifteen Nations Special Issue No.1:22 '82

2
Future NATO air C. David A.Facey and Richard D.Ventry. Signal 37:61-62+ Dec '82

Germany. LtGen Friedrich Obleser. illus NATO's Fifteen Nations Special Issue No.1:25-26+ '82

Greece. LtGen Nikolaos Kouris. illus NATO's Fifteen Nations Special Issue No.1:27 '82

Information flow in air defence. Air Commodore Johannes Gijzen. NATO's Fifteen Nations Special Issue No.1:71-72 '82

Italy. Gen L.Bartolucci. illus NATO's Fifteen Nations Special Issue No.1:30-31 '82

The Netherlands. LtGen C.Baas. illus NATO's Fifteen Nations Special Issue No.1:32+ '82

Norway. MajGen Magne Tobias Sørensen. illus NATO's Fifteen Nations Special Issue No.1:36 '82

Portugal. Gen Jose Lemos Ferreira. illus NATO's Fifteen Nations Special Issue No.1:37+ '82

The problem of airfield defence. LtCol Andrew Andrews. illus tabs NATO's Fifteen Nations Special Issue No.1:75+ '82

The tactical value of the Tornado. LtCol Hans Felde. NATO's Fifteen Nations Special Issue No.2:90+ '81

Turkey. Gen Tahsin Sahinkaya. illus NATO's Fifteen Nations Special Issue No.1:38 '82

United Kingdom. ACM Michael Beetham. illus NATO's Fifteen Nations Special Issue No.1:41-42 '82

AIR DEFENSES - ContinuedN A T O - Cont'd

UK air defence--a NATO necessity. AVM P.R. Harding. Hawk, pp 15-26, Feb '82; NATO's Fifteen Nations Special Issue No.1:54-55+ '82

United States. Gen Charles A. Gabriel. illus por NATO's Fifteen Nations Special Issue No.1:43 '82

Western air power in transition. Roy Braybrook. illus Def & For Aff 9:19-21 Oct '81

Netherlands

Change in Netherlands fleet plan to strengthen air defense. Capt F. de Blocq van Kuffeler, Ret. illus tabs Intl Def Rev 15, No.9:1247-1249 '82

The Netherlands. LtGen C. Baas. illus NATO's Fifteen Nations Special Issue No.1:32+ '82

Norway

Norway. MajGen Magne Tobias Sørensen. illus NATO's Fifteen Nations Special Issue No.1:36 '82

Soviet Union

Continuity and change in Soviet military organization and concepts. Col William F. Scott, Ret. illus AF Mag 65:43-48 Mar '82

Does Soviet air power endanger world peace? Eric Rajah. illus tabs Def Elect 14:97+ Jan '82

Frontal aviation: Committed to air superiority. LtCol Kerry L. Hines. illus tab AF Mag 65:92-94 Mar '82

Soviet air defence--the third force. Robert Elliot. illus charts NATO's Fifteen Nations 27:104-106 Oct-Nov '82

Soviet air defenses against attack helicopters. LtCol Brian P. Mullady. illus USA Avn Dig pt 1, The philosophy. 28:30-35 May '82; pt 2, Individual weapons. 28:32-35 Jun '82; pt 3, ZSU-23-4 Shilka (Soviet automatic antiaircraft system). 28:34-37 Aug '82

Switzerland

Switzerland means to defend its neutrality. Mark Lambert. illus Interavia 37:557-564 Jun '82

Turkey

Turkey. Gen Tahsin Sahinkaya. illus NATO's Fifteen Nations Special Issue No.1:38 '82

United States

See also
North American Aerospace Defense Command

Air Force--the priority turns to strategic forces. Gen Lew Allen, Jr. illus Defense/82, pp 24-31, Apr '82

DIVAD to shield U.S. Army divisions from air attack. Felix Müller. illus tabs Armada Intl 6:32-34+ Jan-Feb '82

AIR DEFENSES - ContinuedUnited States - Cont'd

The defense against Soviet bombers. Tony Velocci. illus Natl Def 67:34-38+ Jul-Aug '82

Ford: The Army's choice for the DIVAD gun. Maj Thomas A. Vereb. illus Air Def Mag, pp 34-36, Oct-Dec '81

House (Armed Services Committee) Panel adds funds for major air defense initiative in Europe. Benjamin F. Schemmer. illus Armed Forces J Intl 119:30+ May '82

Infantry and air defense in the airland battle. MajGen David E. Grange, Jr. Air Def Mag, pp 24-25, Oct-Dec '81

MSCS: The future of SHORAD early warning. Frank Schoch. illus Air Def Mag, pp 27-30, Jul-Sep '82

The operational art of the airland battle. LtCol John S. Doerfel. illus Mil Rev 62:3-10 May '82

SHORAD (Short-Range Air Defense) vs air cav--(everybody wins). 1stLts Thomas C. Rogan and Martin W. Shubert. illus Air Def Mag, pp 16-19, Jan-Mar '82

Spectrum monopoly matrix (used to analyze and evaluate the effectiveness of integrated air defense). Fred Duncan. illus Air Def Mag, pp 30-33, Oct-Dec '81

AIR DROP see Airdrop

AIR EXPRESS see Air Cargo

AIR FORCE

Interavia--world air forces survey 1982. tabs illus Interavia 37:51-55+ Jan '82

Biography

Bowing in, out. Regular feature in issues of Air Force Times

(Charles A.) Gabriel for (Lew) Allen as chief: Differing styles converge. Bruce Callander. illus AF Times 42:7 Jul 19 '82

General (Charles A.) Gabriel nominated AF C/S. por AF Times 42:3 Mar 29 '82

General (Nathan F.) Twining dies at 84. Ann Leopard. por obit illus AF Mag 65:46-47 May '82

The new Chief (of U.S. Air Forces in Europe): Strong on readiness. illus por AF Mag 65:50 May '82

Divisions, Wings, Groups, etc

See also specific types of units, e.g.,
Airlift Units Missile Units
Bomber Units

United States

The 89th Military Airlift Wing: Selectivity, stability, autonomy. William P. Schlitz. illus AF Mag 65:88-93 Apr '82

AIR FORCE - ContinuedDivisions, Wings, Groups, etc - Cont'dUnited States - Cont'd

Military Airlift Command. Gen James R. Allen.
illus tabs por Def Trans J 38:26-30 Feb '82

They wrote the book. (388th Tactical Ftr Wg,
Hill AFB, UT) SSgt Denise E. Cornella. illus
Airman 26:8-9 May '82

Think and fly like the enemy. F. Clifton
Berry, Jr. illus AF Mag 65:36-41 Apr '82

Wings in competition. illus Combat Crew 32:
4-7+ Apr '82

Argentina

(Argentina): A blessed and troubled land.
'Gen T.R. Milton, Ret. map illus AF Mag 65:
76-79 Apr '82

How Argentina's Air Force fought in the South
Atlantic War. Gregory R. Copley. illus Def &
For Aff 10:10-13+ Oct '82

Asia, South

The air forces of Asia. Pushpinder Singh.
illus tabs Asian Def J No.1:28-34+ Jan '82

Asia, Southeastern

The air forces of Asia. Pushpinder Singh.
illus tabs Asian Def J No.1:28-34+ Jan '82

Australia

The Australian armed forces--No.3: Busy times
ahead for the RAAF. Pac Def Rep 8:213+
Dec '81/Jan '82

Electronic warfare--the year in retrospect.
C.G. Heath. Pac Def Rep 8:239-241 Dec '81/
Jan '82

The RAAF's role in South-East Asia. Michael
Richardson. illus Pac Def Rep 9:47-48+
Oct '82

Why we chose the F/A-18. Pac Def Rep 8:220+
Dec '81/Jan '82

Belgium

Belgium. LtGen Marcel De Smet. illus NATO's
Fifteen Nations Special Issue No.1:20-21
'82

Canada

Canada. LtGen Kenneth Edward Lewis. illus
NATO's Fifteen Nations Special Issue
No.1:21 '82

History

Canadian defence planning between the wars:
The Royal Canadian Air Force comes of age.
William J. McAndrew. illus tabs Aerosp Hist
29:81-89 Jun '82

AIR FORCE - ContinuedEgypt

Egyptian Air Force: Ready when needed.
F. Clifton Berry, Jr. illus tab AF Mag 65:
49-55 Jan '82

History

Egyptian Air Force: Ready when needed.
F. Clifton Berry, Jr. illus tab AF Mag 65:
49-55 Jan '82

Germany (West)

The air force of the Federal German Republic:
The RAF's youngest ally. GpCapt R.A. Mason.
Hawk, pp 73-80, Feb '82

Germany. LtGen Friedrich Obleser. illus
NATO's Fifteen Nations Special Issue
No.1:25-26+ '82

Great Britain

The air force of the Federal German Republic:
The RAF's youngest ally. GpCapt R.A. Mason.
Hawk, pp 73-80, Feb '82

Airpower in Britain's future. AVM Michael
W.P. Knight. Strat Rev 10:29-35 Summer '82

Anticipating the needs of the service--a
view from industry. R.D. Boot. Hawk, pp 29-
35, Feb '82

Cost-effectiveness: Some thoughts on its
meaning for the Royal Air Force. GpCapt
D.G. Campbell. Hawk, pp 56-63, Feb '82

Navigators for the 80's in the RAF. WgComdr
P.H. Eustace. illus Navigator 29:13-15
Spring '82

Re-shaping the Royal Air Force. Derek Wood.
illus map Intl Def Rev 15, No.3:311-316
'82

United Kingdom. ACM Michael Beetham. illus
NATO's Fifteen Nations Special Issue No.1:
41-42 '82

UK air defence--a NATO necessity. AVM P.R.
Harding. Hawk, pp 15-26, Feb '82; NATO's
Fifteen Nations Special Issue No.1:54-55+
'82

Vulcan farewell. illus Combat Crew 32:4-6
Aug '82

History

Royal Air Force North-West Frontier, India,
1915-39. SqLdr A.J. Young, Ret. illus RUSI
J for Def Studies 127:59-64 Mar '82

AIR FORCE - ContinuedIndia

Air power on the Asian subcontinent. Naila Durani. Def & For Aff 10:39-40+ Apr '82

India's defence perspectives and the armed forces. Pushpinder Singh. illus Asian Def J No.10:12-14+ Oct '82

IndonesiaStatistics

The Indonesian Armed Forces: ABRI (Angkatan Bersenjata Republik Indonesia)--a new image for the '80s. Khalid Abdullah. illus tabs Asian Def J No.5:36-38+ May '82

Malaysia

The case for the Hawk. Roy Braybrook. illus Asian Def J No.4:48-50+ '82

History

Early years of the Malaysian armed forces. illus Asian Def J No.4:23 '82

Netherlands

The Netherlands. illus maps tabs NATO's Fifteen Nations 27: Special Marketing Supplement following Jun-Jul '82

The Netherlands. LtGen C.Baas. illus NATO's Fifteen Nations Special Issue No.1:32+ '82

Norway

Norway. MajGen Magne Tobias Sørensen. illus NATO's Fifteen Nations Special Issue No.1: 36 '82

(Norway and its Air Force are) linchpins of the north. Col Lester J.Johnsen, Ret. illus AF Mag 65:168-170+ Sep '82

Pakistan

Air power on the Asian subcontinent. Naila Durani. Def & For Aff 10:39-40+ Apr '82

Pakistan: New arms purchases. illus Asian Def J No.7:29 Jul '82

Philippines

The Armed Forces of the Philippines: Security through development in the 1980s. Khalid Abdullah. illus Asian Def J No.6:20-22+ Jun '82

Soviet Union

Does Soviet air power endanger world peace? Eric Rajah. illus tabs Def Elect 14:97+ Jan '82

Soviet air forces commanders. Harriet Fast Scott. illus AF Mag 65:53-60 Mar '82

Soviet airlift: Coming of age. Maj Lee Nelli. illus tab Airlift 4:10-15 Summer '82

AIR FORCE - ContinuedSoviet Union - Cont'd

To save the pilot's life--Soviet air rescue service. LtCol Johnnie H.Hall. illus AU Rev 33:48-57 May-Jun '82

Organization

Organization of Soviet Armed Forces. chart AF Mag 65:50-52 Mar '82

Soviet air defence--the third force. Robert Elliot. illus charts NATO's Fifteen Nations 27:104-106 Oct-Nov '82

Switzerland

Switzerland means to defend its neutrality. Mark Lambert. illus Interavia 37:557-564 Jun '82

TaiwanStatistics

Taiwan's armed forces. G.Jacobs. illus Asian Def J No.10:54-59+ Oct '82

ThailandHistory

A short history of the Royal Thai Air Force. William M.Leary. illus Aerosp Hist 29:93-97 Jun '82

United States

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 65:171-187 May '82

Air Force Orientation Group. illus Sergeants 20:20-21 May '82

The Air Force, the community and the environment: The role of public affairs. LtCol John G.Terino. AF Engrg & Svcs Qtr 23:44-45 Summer '82

Air Force--the priority turns to strategic forces. Gen Lew Allen, Jr. illus Defense/82, pp 24-31, Apr '82

C³--technological edge for the '80s. Edgar Ulsamer. AF Mag 65:54-58 Jul '82

Commitment is the price we pay. CMSgt Arthur L.Andrews. illus por AF Mag 65:105-106 Sep '82

Defense myths--and facts. Gen Robert C. Mathis, Ret. illus por AF Mag 65:15-17 Jun '82

The establishment of the United States Air Force. Herman S.Wolk. illus AF Mag 65:76-80+ Sep '82

Facing two critical challenges. Verne Orr. illus por AF Mag 65:74+ May '82

Fighters, bombers loom large--year 2000: AF outlook. Leonard Famiglietti. AF Times 42:1+ Jul 12 '82

AIR FORCE - ContinuedUnited States - Cont'd

From silk scarf to spacecraft. Gen Charles A. Gabriel. Address, AFA's Annual National Convention, Sep 1982. illus por AF Mag 65: 80-83 Nov '82

(Gen Charles A.) Gabriel named 11th Air Force Chief. por Armed Forces J Intl 119:20 Apr '82

Heading off a hemorrhage of talent (Policy paper, adopted at AFA's Annual National Convention, Sep 14, 1982). illus AF Mag 65:53-58 Nov '82

Heritage, headaches, and hopes. Verne Orr. Address, AFA's Annual Convention, Sep 1982. illus por AF Mag 65:75-79 Nov '82

How the defense budget battle is heating up. Edgar Ulsamer. AF Mag 65:54-60 May '82

A joint approach to C³I. Edgar Ulsamer. AF Mag 65:54-57 Dec '82

New defense guidance tells services 'to get in step.' L. Edgar Prina. Sea Power 25: 43-44+ Aug '82

The new imperatives of U.S. aerospace power. Edgar Ulsamer. AF Mag 65:84-87 Jan '82

Open to new ideas. Gen Charles A. Gabriel. por illus AF Mag 65:100-102 Sep '82

Orr hopes for separate space command by '85. Leonard Famiglietti. AF Times 42:6 Feb 8 '82

Problems and solutions. Ron Sherman. Interview. illus por Mil Tech 6:87-89 Aug '82

(Rep Ken) Kramer pushes space command. Leonard Famiglietti. AF Times 42:1+ May 31 '82

Space Command: Setting the course for the future. Edgar Ulsamer. illus AF Mag 65: 48-51+ Aug '82

Space pioneers. Capt Albert V. Chapman III. illus AF Mag 65:60-64 Jun '82

Supporting the space shuttle: The blue-suit contribution. William P. Schlitz. illus AF Mag 65:44-51 Jun '82

Thoughts at thirty-five: The Air Force's future is now. Verne Orr. illus por AF Mag 65:90+ Sep '82

Time to strengthen our defenses. Gen Lew Allen, Jr. illus por AF Mag 65:78-81 May '82

Toward adequate airpower for tomorrow (Policy paper, adopted at AFA's Annual National Convention, Sep 14, 1982). AF Mag 65:44-53 Nov '82

The U.S. Air Force: 35 years old and getting better. illus Mil Tech 6:81-84+ Aug '82

The U.S. Air Force today--speed, flexibility, and global reach. John T. Correll. illus Sea Power 25:90+ Apr '82

AIR FORCE - ContinuedUnited States - Cont'd

'Vision 2000' study group seeks future. Don Nace. AF Times 42:14 Feb 8 '82

Why an Air Force? F. Clifton Berry, Jr. Interview. illus por AF Mag 65:42-46 Jul '82

History

The birth of a combat force. Bob Reed. illus Sergeants 21:25 Sep '82

Bold obsession (at Edwards AFB, CA). Maj Anthony Lynn Batezel. Airman 26:26-28 Sep '82

Changing to Air Force blue. Maj Anthony Lynn Batezel. illus Airman 26:2-6 Sep '82

The establishment of the United States Air Force. Herman S. Wolk. illus AF Mag 65:76-80+ Sep '82

The first air commandos. Luigi Rossetto. illus Aerosp Hist 29:2-12 Mar '82

Then and now. Maj John E. Richardson. illus tab Flying Safety 38:6-9+ Sep '82

USAF's birthday--gutsy pioneers, now memories, pushed military aviation ahead. Bruce Callander. illus AF Times 43:7 Sep 20 '82

Organization

(Photocharts of structure of the Office of the Secretary of the Air Force, the USAF Air Staff, the Deputy Chiefs of Staff, the major commands, the separate operating agencies, and the direct reporting units as of Aug 15, 1982). AF Mag 65:111-117 Sep '82

U.S. aerospace force? Cong Ken Kramer. illus Officer 58:14-16 Feb '82

Statistics

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 65:171-187 May '82

From silk scarf to spacecraft. Gen Charles A. Gabriel. Address, AFA's Annual National Convention, Sep 1982. illus por AF Mag 65: 80-83 Nov '82

Imbalance in officer ranks. AF Times 42:22 Feb 8 '82

Venezuela

Venezuela: Caribbean linchpin. Gen T.R. Milton, Ret. illus map AF Mag 65:74-77 Jun '82

Warsaw Pact

The Netherlands. LtGen C. Baas. illus NATO's Fifteen Nations Special Issue No.1:32+ '82

AIR FORCE. 5th

Pacific Air Forces. tab illus chart por AF Mag 65:100+ May '82

AIR FORCE, 8th

Strategic Air Command. illus charts por AF
Mag 65:104-106 May '82

History

The still mighty Eighth (Air Force). Capt
Michael B. Perini. illus AF Mag 65:152-156
Dec '82

AIR FORCE, 9th

Tactical Air Command. illus charts por AF Mag
65:108-110+ May '82

AIR FORCE, 12th

Tactical Air Command. illus charts por AF Mag
65:108-110+ May '82

AIR FORCE, 13th

Pacific Air Forces. tab illus chart por AF
Mag 65:100+ May '82

AIR FORCE, 15th

Strategic Air Command. illus charts por AF
Mag 65:104-106 May '82

AIR FORCE, 21st

Military Airlift Command. tab illus charts
por AF Mag 65:96-98 May '82

AIR FORCE, 22d

Military Airlift Command. tab illus charts
por AF Mag 65:96-98 May '82

AIR FORCE ACADEMY

Air Force Academy. illus por AF Mag 65:141
May '82

Board (of Visitors) hits (USAF) Academy dorm
crowding. John Ginovsky. AF Times 43:4
Nov 1 '82

Follow-up of 14 abnormal electroencephalo-
grams in asymptomatic U.S. Air Force Acad-
emy cadets. W. Douglas Everett and Mahmood
S. Akhavi. illus tabs Aviation, Space &
Envt Med 53:277-280 Mar '82

MUST (Modernization and Upgrade of Structures
for Tomorrow) . . . a plan for renewal (at
U.S. Air Force Academy). Lt Jerry P.
Haenisch. AF Engrg & Svcs Qtr 23:4+ Summer
'82

Our Service academies--are they accomplishing
their missions? Col George A. Tuttle, Ret.
illus tabs Armed Forces J Intl 119:81+
Jul '82

Search for new leaders begins with Reser-
vists. illus Officer 58:16-18 Mar '82

Sunrise at the Springs. H. Perry Sullivan.
Interview. illus por AF Engrg & Svcs Qtr
23:4-9 Summer '82

They talk Air Force (liaison officers for the
Air Force Academy and ROTC). SSgt Lorenzo
D. Harris. illus Airman 26:10-14 Jun '82

Why the high dropout rate at the Academy?
Gen T.R. Milton, Ret. AF Mag 65:69 Sep '82

AIR FORCE ACCOUNTING AND FINANCE CENTER

Air Force Accounting and Finance Center. por
illus AF Mag 65:118 May '82

Assistant Comptroller for Accounting &
Finance. Regular feature in issues of Air
Force Comptroller

E-9s move into AFO (Accounting and Finance
Operations) slots once reserved for offi-
cers. AF Times 42:26 May 31 '82

Minding your money. SSgt Craig Pugh. illus
Airman 26:22-27 Jul '82

AIR FORCE ASSOCIATION

Awards at the 1982 Air Force Association
National Convention. illus AF Mag 65:
84-85 Nov '82

The fantasy of simplistic solutions (AFA's
1982-83 Statement of Policy, adopted at
Annual National Convention, Sep 13, 1982).
AF Mag 65:42-43 Nov '82

From silk scarf to spacecraft. Gen Charles
A. Gabriel. Address, AFA's Annual National
Convention, Sep 1982. illus por AF Mag 65:
80-83 Nov '82

Heading off a hemorrhage of talent (Policy
paper, adopted at AFA's Annual National
Convention, Sep 14, 1982). illus AF Mag
65:53-58 Nov '82

Heritage, headaches, and hopes. Verne Orr.
Address, AFA's Annual Convention, Sep 1982.
illus por AF Mag 65:75-79 Nov '82

Intercom. Regular feature in issues of Air
Force Magazine

1.3 acres of aerospace update. John T.
Correll. illus AF Mag 65:86-88+ Nov '82

Toward adequate airpower for tomorrow
(Policy paper, adopted at AFA's Annual
National Convention, Sep 14, 1982). AF
Mag 65:44-53 Nov '82

AIR FORCE AUDIT AGENCY

Air Force Audit Agency. illus por AF Mag 65:
118+ May '82

Auditor General. Regular feature in issues
of Air Force Comptroller

Key audit people (by bases and major com-
mands). AF Compt 16:13+ Oct '82

AIR FORCE COMMISSARY SERVICE

Air Force Commissary Service. illus por AF
Mag 65:121-122 May '82

AIR FORCE COMMUNICATIONS COMMAND

Air Force Communications Command. illus chart
por AF Mag 65:84-85 May '82

AIR FORCE COMMUNICATIONS SERVICE see Air Force
Communications Command

AIR FORCE DATA SYSTEMS DESIGN CENTER

Air Force Data Systems Design Center. Regular feature in issues of Air Force Comptroller beginning with July 1982

AIR FORCE ENGINEERING AND SERVICES AGENCY
see Air Force Engineering and Services CenterAIR FORCE ENGINEERING AND SERVICES CENTER

AF Engineering and Services Center. illus AF Mag 65:122+ May '82

Air Force engineering--our solemn obligation. MajGen William D. Gilbert. por chart illus Mil Engr 74:16-19 Jan-Feb '82

A change at the top. H. Perry Sullivan. illus por AF Engrg & Svcs Qtr 23:30-32 Summer '82

Gen (Clifton D.) Wright takes reins. H. Perry Sullivan. illus por AF Engrg & Svcs Qtr 23:33 Summer '82

Meeting the threat to facilities readiness. MajGen Clifton D. Wright, Jr. illus Mil Engr 74:32-33 Jan-Feb '82

There is a general rule in the Pentagon that is noteworthy. The rule is "if it ain't in the POM it ain't in the budget." Interview. illus AF Engrg & Svcs Qtr 23:34-37 Summer '82

AIR FORCE INSPECTION AND SAFETY CENTER

Air Force Inspection and Safety Center. illus por AF Mag 65:125-126 May '82

The directorate of nuclear surety and its mission. TIG Brief 34:3-4 Jul 23 '82

AIR FORCE INSTITUTE OF TECHNOLOGY

AFIT: The technical challenge. Capt Phil Lacombe. illus AF Mag 65:78-83 Feb '82

Education with industry. Capt William C. Ehler. Navigator 29:15-16 Summer '82

Curricula

Professional designation for cost analysts and price analysts. Roland D. Kankey. AF Compt 16:38-39 Jan '82

The professional designation in logistics management. Warren S. Barnes. tabs Log Spectrum 16:17-19 Fall '82

AIR FORCE INTELLIGENCE SERVICE

Air Force Intelligence Service. illus por AF Mag 65:126 May '82

AIR FORCE LEGAL SERVICES CENTER

Air Force Legal Services Center. illus por AF Mag 65:126+ May '82

AIR FORCE LOGISTICS COMMAND

AFLC keeps USAF ready to fight. F. Clifton Berry, Jr. Interview. illus tabs por AF Mag 65:28-35 Aug '82

AIR FORCE LOGISTICS COMMAND - Continued

Air Force Logistics Command. illus chart por AF Mag 65:86-87 May '82

Air Force Logistics Command--bullish on data communications. Thomas L. Brown. illus maps Signal 36:49-54 Feb '82

(Armed Forces materials support). charts Natl Def 66:35-51 Jan '82

Only a Lieutenant. MSgt Art Barnes. illus Airman 26:18-21 Jul '82

AIR FORCE MANPOWER AND PERSONNEL CENTER

Air Force Manpower and Personnel Center. illus por AF Mag 65:129-130 May '82

Assignments with a personal touch. illus Airman 26:2-7 Jun '82

Where help means heart. (Air Force Humanitarian Reassignment program) Capt Ronald D. Fuchs. illus Airman 26:18-22 Nov '82

AIR FORCE MEDICAL SERVICE CENTER

Air Force Medical Service Center. illus por AF Mag 65:130+ May '82

AIR FORCE MILITARY PERSONNEL CENTER see Air Force Manpower and Personnel CenterAIR FORCE OFFICE OF SECURITY POLICE

Air Force Office of Security Police. illus por AF Mag 65:133-134 May '82

AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS
see Office of Special InvestigationsAIR FORCE SATELLITE COMMUNICATIONS SYSTEM

The Air Force satellite systems. Capt Phil Lacombe. illus AF Mag 65:52-55+ Jun '82

U.S. Air Force R&D: Meeting the challenge. illus Mil Tech 6:79-80+ Oct '82

AIR FORCE SECURITY SERVICE see Electronic Security CommandAIR FORCE SERGEANTS ASSOCIATION

AFSA (Air Force Sergeants Assoc) 1982 Convention highlights. illus Sergeants 21: 18-25 Nov '82

(AFSA) annual report--1982. illus tabs Sergeants 20:15-18+ Aug '82

AIR FORCE SERVICE INFORMATION AND NEWS CENTER

Air Force Service Information and News Center. illus AF Mag 65:137-138 May '82

AIR FORCE SPECIALTY CODE see Personnel Classification--Air Force--U.S.AIR FORCE SYSTEMS COMMAND

See also agencies by name, e.g., Arnold Engineering Development Center Electronic Systems Division

AIR FORCE SYSTEMS COMMAND - Continued

AFSC. Interview. Gen Robert T. Marsh. illus tab por Armed Forces J Intl 119:40+ Jan '82

Air Force Systems Command. illus chart por AF Mag 65:88-89 May '82

(Armed Forces materials support). charts Natl Def 66:35-51 Jan '82

Developing the future. Interview. Gen Robert T. Marsh. illus por AF Mag 65:88-94 Jan '82

A new look at an old remedy: Multiyear contracts and defense procurement. Gen Alton D. Slay. tab Def Mgt J 18:20-25 First Quarter '82

AIR FORCE TECHNICAL APPLICATIONS CENTER

Air Force Technical Applications Center. illus AF Mag 65:143-144 May '82

AIR FORCE TECHNICAL TRAINING CENTERS

A new way of life (at Chanute Technical Training Center). CMSgt Dave Sheeder. illus Airman 26:40-48 Jun '82

AIR FORCE TEST AND EVALUATION CENTER

Air Force Test and Evaluation Center. illus por AF Mag 65:138+ May '82

The Air Force Test and Evaluation Center. LtCol Larry K. Verley. AF Compt 16:16-18 Apr '82

AIR FORCE WEAPONS LABORATORY

Best kept secrets (the AF Weapons Lab, Kirtland AFB, NM). Maj Anthony Lynn Batezel. illus Airman 26:43-48 Apr '82

AIR FORCE WRIGHT AERONAUTICAL LABORATORIES see Aeronautical LaboratoriesAIR FORCES IN EUROPE

"The ability to fight & win." Maj Dean Bartel. illus AF Engrg & Svcs Qtr 22:44-46 Winter '81/'82

Air base survivability in Europe: Can USAF survive and fight? Maj Stephen C. Hall. illus AU Rev 33:36-46 Sep-Oct '82

European workload program. TIG Brief 34:7 Mar 5 '82

United States. Gen Charles A. Gabriel. illus por NATO's Fifteen Nations Special Issue No. 1:43 '82

United States Air Forces in Europe. illus tab por chart AF Mag 65:116-117 May '82

Wartime survivable E&S command and control. LtCol Richard J. Bergholz. illus AF Engrg & Svcs Qtr 22:30-31 Winter '81/'82

"We can count on our allies. I'm not sure the Warsaw Pact can count on theirs." Interview. Gen Charles A. Gabriel. illus por Armed Forces J Intl 119:25-28+ Jan '82

AIR FREIGHT see Air CargoAIR-GROUND TRAINING

JFCC (Joint Firepower Control Course). Capt Guy C. Swan III. Infantry 72:38-39 Nov-Dec '82

AIR MAIL SERVICE see Postal ServiceAIR MOBILITYSee also

Air Assault Concept
Air Cavalry
Close Air Support

Airlift: Key to modern military mobility. Edgar Ulsamer. illus AF Mag 65:174-176+ Sep '82

The compelling requirement for combat airlift. Col Alan L. Gropman. illus AU Rev 33 2-15 Jul-Aug '82

Moving an (Allied Command) Mobile Force. GpCapt Alan Curry. illus NATO's Fifteen Nations 27:90+ Aug-Sep '82

AIR NATIONAL GUARD see National Guard--Air ForceAIR NAVIGATION see Navigation, AirAIR POLICE see Military PoliceAIR POLLUTION see PollutionAIR POWER see Aerospace PowerAIR RESERVE PERSONNEL CENTER

Life cycle of a Form 40a. illus Air Reservist 34:10-11 Feb '82

AIR-SEA RESCUE see Search and RescueAIR-SPEED

Fine tuning your low level timing. Maj Gary A. Lewis and Capt Charles W. Tucker. illus tabs USAF Ftr Wpns Rev No. 4:13+ Spring '82

SR-71 mach 3+. Maj Frank W. Stampf. illus Navigator 29:4-8 Spring '82

2 to 1 shadowing. Maj J. I. Grabeklis. tabs USAF Ftr Wpns Rev, pp 14-16+ Winter '81

AIR STAFF

Navigating around the Air Staff--an inside look at the ASTRA program. Capt Thomas P. Waddell. illus Navigator 29:5-8 Winter '82

AIR STRATEGY see Strategy, AirAIR SURVEILLANCE see SurveillanceAIR TACTICS see Tactics, Air

AIR TRAFFIC CONTROL

AERA (Automated En-Route Air Traffic Control) --the next big step in ATC automation. Dan Boyle. illus tab Interavia 37:1066-1068 Oct '82

Air traffic control modernization plan. J.Lynn Helms and Martin Pozesky. illus AF Mag 65:58-61 Aug '82

Airspace use and the jet age. Bernhard W. Heinz. illus map Interavia 37:506-507 May '82

Direct oceanic communication: The North Atlantic trial. WgComdr David F.L. Edwards. illus MAC Flyer 29:8-10 Oct '82

The future of ATC (Air-Traffic-Control) communications. Wolf-Rudiger Lange. illus Asian Def J No.1:80-81 Jan '82

The National Airspace System plan: Blueprint for the future. Siegbert Poritzky. tab Signal 36:148+ May-Jun '82

On-board computers save fuel and help ATC (Air Traffic Control). Chris Bulloch. illus tabs Interavia No.3:251-252 Mar '82

Tactical air traffic control training--not a blind approach. LtCol A.E.Hervey, Jr. illus USA Avn Dig 28:16-17 Oct '82

A word about HATR (Hazardous Air Traffic Control) reporting. TIG Brief 34:21 Apr 30 '82

AIR TRAFFIC CONTROLLERS

The French link. 1stLt David Sims. illus Airman 26:11-15 Feb '82

AIR TRAINING COMMAND

Air Training Command. illus chart por AF Mag 65:90-91 May '82

The education factor. Gen Thomas M.Ryan, Jr. illus AF Mag 65:39-41 Feb '82

AIR TRANSPORT ASSOCIATION OF AMERICA

The Air Transport Association of America. Anne Moss. Translog 13:23 Aug '82

AIR UNIVERSITY

See also
Air Force Institute of Technology
Air War College
Leadership and Management Development Center
Squadron Officer School

Air Training Command. illus chart por AF Mag 65:90-91 May '82

Air University hotline. illus AF Compt 16:39 Jan '82

Airpower Research Institute. AU Rev 33:101 Jan-Feb '82

Ira C.Eaker Essay Competition. TIG Brief 34:8 Nov 15 '82

AIR UNIVERSITY - Continued

Professional military education. Col Rodney Bricker. illus Air Reservist 34:6-9 Dec '81/Jan '82

USAF plans major new training facility (at Maxwell Air Force Base, AL). J of Elect Def 5:23 Feb '82

Curricula

Professional Military Comptroller School (Air University, Maxwell AFB, AL). Regular feature in issues of Air Force Comptroller

AIR WAR COLLEGE

Airpower Research Institute. AU Rev 33:101 Jan-Feb '82

AIR WARFARE

ACEVAL/AIMVAL (Air Combat Fighter Validation/ Air Intercept Missile Validation): Abusing Atari in the desert. LtCol Walt Kross. Armed Forces J Intl 119:52+ Jan '82

Aerial mines: An idea whose time has come? Capt Harry F.Noyes III. illus Army 32: 44-46 Sep '82

Air munitions: The missing link? Norman R. Augustine. illus tabs Mil Elect/Counter-measures 8:33+ Apr '82

The air war in Lebanon. Michael C.Dunn. Def & For Aff 10:32 Jul '82

Airborne electronic warfare systems in Europe. Gowri S.Sundaram and Mark Hewish. illus Intl Def Rev 15, No.2:221-226 '82

Airland battle--implications for the Infantry. LtCol Jerry M.Sollinger. illus Infantry 72:20-25 Mar-Apr '82

The air-land battle--Soviet style. LtCol William P.Baxter, Ret. illus Army pt 1, 31:29-31 Dec '81; pt 2, Soviet air tactics: Get 'em on the ground. 32:34-36 Jan '82

Army Aviation: The combat multiplier. Maj Donald L.Trent. illus Infantry 72:18-21 Mar-Apr '82

The central region air battle. Gen Charles A.Gabriel. illus por NATO's Fifteen Nations Special Issue No.2:26-29+ '81

Conventional aerial bombing and the law of war. W.Hays Parks. illus US Nav Inst Proc 108:98-117 May '82

The DASC (Direct Air Support Center) in a mechanized environment. Capt Edward L. Melton. MarCor Gaz 66:26-27 Feb '82

Don't red X helicopters--an endangered advantage. Maj Everette L.Roper, Jr. USA Avn Dig 28:42-46 Mar '82

The Falklands conflict: The air war. Derek Wood and Mark Hewish. illus Intl Def Rev pt 1, 15, No.8:977-980 '82; pt 2, Missile operations. 15, No.8:1151-1154 '82; pt 3, Naval operations. 15, No.10:1340-1343 '82

AIR WARFARE - Continued

Further thoughts on the lessons of the Falklands Crisis. P.Lewis Young. Asian Def J No.10:90+ Oct '82

Future tactical combat aircraft in NATO. AVM P.B.Hine. illus NATO's Fifteen Nations 27:48+ Apr-May '82

Harrier and Sea Harrier operations in the Falklands Crisis. Richard A.Ewin. illus tabs Asian Def J No.10:79+ Oct '82

Helicopters in modern warfare. Col Norman L.Dodd, Ret. illus Asian Def J No.10: 72-76+ Oct '82

How tactical air works. George Haering. illus US Nav Inst Proc 108:60-65 Nov '82

Precision guided munitions--a perspective. Charles S.Epstein. illus NATO's Fifteen Nations 27:54+ Apr-May '82

History

An effort to regulate aerial bombing: The Hague Commission of Jurists, 1922-1923. Lester H.Brune. illus Aerosp Hist 29:183-185 Sep '82

Why the Allies won the air war. Col Mozes W.A.Weers. AU Rev 33:115-119 Jan-Feb '82

Study and Teaching

FAC (Forward Air Controller) air-to-air. Capt Alex Gimarc and others. illus USAF Ftr Wpns Rev, pp 8-13, Winter '81

Helicopter aerial combat week--December 14-18, 1981. Capt Greg R.Hampton and 1stLt Mario H.Acevedo. illus USA Avn Dig 28:2-11 Aug '82

Sabre Dart. Rod Beckett and others. illus USAF Ftr Wpns Rev, pp 2-7, Winter '81

Victory in air-to-air combat, the Marine Corps way. Betty J.Goodson. illus USA Avn Dig 28:2-7 Jul '82

AIR WEATHER SERVICE

Flight into Camille. Robert Lee Clark. illus Aerosp Hist 29:74-80 Jun '82

AIRBORNE EARLY WARNING

AEW (Airborne Early Warning) aircraft: A growing trend. Bonner Day. illus NATO's Fifteen Nations 26:62-63 Dec '81-Jan '82

The changed picture: NAEW (NATO Airborne Early Warning). MajGen L.R.Palmerston. illus por NATO's Fifteen Nations Special Issue No.1:46+ '82

Sea-based remotely piloted vehicles: Issues and concepts. Charles Henderson. illus Mil/Elect Countermeasures pt 1, 8:61-64 Apr '82; pt 2, 8:45-47 May '82

Taking a new look at naval needs after the Falklands. Julian S.Lake. illus Def Elect 14:71-72+ Oct '82

AIRBORNE FORCESSoviet Union

Preparing for the rear area battle. Sgt1C John W.Stephenson and Col Donald R.Green. illus Army Log 14:24-27 Jul-Aug '82

United States

Air assault. Tom Kiddoo. illus Soldiers 37: 26-32 Jul '82

Arctic airborne mortars. SSgt John E.Foley. Infantry 72:15-16 Sep-Oct '82

Power projection, risk and the light force. Col Peter J.Boylan. illus Mil Rev 62:62-69 May '82

Whither Pegasus? (Airborne warfare--recent developments) Adrian Hill. illus RUSI J for Def Studies 126:26-33 Dec '81

AIRBORNE OPERATIONS

See also subdivision under specific wars, e.g.,
World War II--Airborne Operations

AIRBORNE WARNING AND CONTROL SYSTEM

AWACS and other Mideast arms. Jim Bussert. illus tabs map Mil Elect/Countermeasures 8:34+ Jan '82

AWACS for NATO. CAPT A.G.Russell, Ret. illus US Nav Inst Proc 108:109-112 Aug '82

C3I--the sky is the limit. Felix Muller. illus Armada Intl (Special Issue I) 6:37-40 May-Jun '82

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 65:102-103 Mar '82

Pilot, mission crew positions open to women on AWACS. Leonard Famiglietti. AF Times 42:1+ Mar 29 '82

The Saudi AWACS: Fact and fiction surrounding the military issues. Maj Michael A. Nelson. illus Jt Persp 3:38-47 Summer '82

Saudi AWACS: The oppositions view. illus Asian Def J No.1:47-48 Jan '82

Systems approach to multinational acquisition: NATO AWACS. George K.Chacko and LtCol Bruce N.Stratvert. illus tabs Concepts 4:90-106 Autumn '81

AIRBUS see Airplanes, Transport

AIRCRAFT see specific kinds of Aircraft, e.g.,
Airplanes Helicopters, Military
Airplanes, Military Missiles
Helicopters Rockets

AIRCRAFT, EXPERIMENTAL

See also
Air Cushion Vehicles

AIRCRAFT, EXPERIMENTAL - Continued

ACA (Agile Combat Aircraft) - ECA (European Combat Aircraft) or pipedream: Industry needs it--but who will pay? Brian Wanstall. illus Interavia 37:1191-1193 Nov '82

The armchair aviator. Regular feature in issues of Air Force Times

C-17: The new direct-delivery airlifter. illus (Also cutaway) tabs Airlift Ops Rev 4:12-16 Jan-Mar '82

Commander in Chief, Military Airlift Command (CINCMAC). Interview. Gen James R. Allen. illus por Airlift Ops Rev 4:1-7 Jan-Mar '82

France

IDR (International Defense Review) flight-tests the Mirage 2000. Germain Chambost. illus Intl Def Rev 14, No.12:1617-1622 '81

Soviet Union

The Ram-L air superiority fighter--Soviet counterpart to the F-18? Georg Panyalev. illus tabs Intl Def Rev 14, No.12:1609-1612 '81

United States

Advanced aircraft for the future Corps. CAPT Charles H. Brown, Ret. illus tabs maps MarCor Gaz 66:40-46 May '82

Advanced civil military aircraft ACMA: Airlift for the future. LtCol Ronald L. Baldwin and Maj James E. Mrazek. illus MAC Flyer 29:4-6 Jan '82

Ahrens AR 404--an outsider bids for the light transport market. Derek Wood. illus tab Interavia 37:139 Feb '82

C-17 is 'alive': (LtGen Kelly) Burke. AF Times 42:9 Feb 15 '82

DOD tentatively turns down new C-17. AF Times 42:6 Feb 1 '82

Fuel-efficient X-29A due first flight in late '83. Leonard Famiglietti. illus AF Times 42:23 Jan 18 '82

GAO wants 'open competition' for CX. AF Times 42:12 Jan 25 '82

V/STOLS: A myth or a promise. Col William D. Siuru, Jr. illus AU Rev 33:70-83 Mar-Apr '82

XV-15: Tilt-rotor technology. LtCol Alan D. York. illus MAC Flyer 29:20-22 Aug '82

History

Final report of development, procurement, performance and acceptance of XP-39E airplanes. C.L.Hall. (Reprinted from Air Corps technical report, No.5022, 21 Sep 1943) illus tabs Am Avn Hist Soc J 27:55-68 Spring '82

Final report of the procurement, inspection, testing, and acceptance of the two Lockheed XP-58 airplanes. P.B.Smith. illus Am Avn Hist Soc J 27:120-135 Summer '82

AIRCRAFT, REMOTELY PILOTED see Remotely Piloted VehiclesAIRCRAFT CARRIERS

(Aircraft carrier HMS) Invincible uproar in Britain. Desmond Wettern. illus Pac Def Rep 8:10-11 Feb '82

Arapaho: Putting more aviation afloat. Steven M. Shaker. illus MarCor Gaz 66:47-51 May '82

Australia's maritime air power: Where next? A.W.Grazebrook. illus Pac Def Rep 9:8-12 Jul '82

CVNs (aircraft carriers) forever! Forever? CAPT Gerald O'Rourke, Ret. illus US Nav Inst Proc 108:20-26 Jul '82

A carrier aviation primer. F.Clifton Berry, Jr. illus tabs AF Mag 65:60-65 Nov '82

A carrier for Admiral (Sergey G.) Gorshkov. Dov S.Zakheim. Nav War Col Rev 35:32-39 Jan-Feb '82

The case for the CVNs (nuclear-powered aircraft carriers)--I: A common-sense rationale. Vincent C.Thomas, Jr. illus map Sea Power 25:10-11+ Jun '82

The case for the CVNs (nuclear-powered aircraft carriers)--II: The debate in Congress. L.Edgar Prina. illus Sea Power 25:27-29+ Jun '82

Case for the Nimitz class aircraft carrier. Address, Navy Section, ROA National Convention, San Juan, Jun 1982. illus Officer 58:19-21 Sep '82

The cordon sanitaire--is it useful? Is it practical? LCDR Stanley F.Gilchrist. tab Nav War Col Rev 35:60-72 May-Jun '82

Dodo or phenix? (Structure of the U.S. carrier fleet 1985 to 2010) Joseph L. Wiggins. illus Mil Sci & Tech 2:44-50 '82

Elevation of the U.S. fleet. CAPT Richard B. Laning, Ret. illus US Nav Inst Proc 108:32-37 Aug '82

French Navy programs present and future. R.J.L.Dicker. illus Intl Def Rev 15, No.10:1393-1397 '82

The new U.S. administration: A new promise to the U.S. Navy? End of a decline? Stefan Terzibaschitsch. illus tab Mil Tech pt 1, 6:44-46+ Mar '82

Now is the time to: Rethink, redesign, and redeploy naval aviation. CAPT William K. Sullivan. tab Nav War Col Rev 35:10-17 Mar-Apr '82

Protecting the carrier against torpedo attack. LCDRs James G.O'Keefe and David L.Hallenbeck. Nav War Col Rev 35:50-53 Jan-Feb '82

(Soviet Navy) their sea-based aviation. LT Kevin Lynch. illus US Nav Inst Proc 108:46-52 Oct '82

AIRCRAFT CARRIERS - Continued

Their (Soviet Union) carrier battle group.
LCDR T.J. McKearney. illus US Nav Inst Proc
108:73-81 Dec '82

Why we bought Invincible. VAdm James Willis.
illus Pac Def Rep 8:61-62+ Apr '82

AIRCRAFT CARRIERS, NUCLEAR POWERED

Thank God for the sitting ducks! ADM Thomas
B. Hayward. illus tabs US Nav Inst Proc 108:
22-25 Jun '82

AIRCRAFT CONTROLLERS see Air Traffic ControllersAIRCRAFT INDUSTRY AND TRADESee also

Aerospace Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade

Aerospace world. Regular feature in issues of
Air Force Magazine

The commercial fighter. Mark Lambert. illus
Interavia 37:431-433 May '82

Industrial periscope: A business, technolog-
ical & scientific news bulletin. Regular
feature in some issues of NATO's Fifteen
Nations

Interavia round table: Will the recession
change purchasing policies in the business
aircraft market? illus Interavia 37:871-874
Sep '82

Interavia--world air forces survey 1982.
tabs illus Interavia 37:51-55+ Jan '82

New products and technology. Regular feature
in some issues of Interavia

The world of aerospace. Regular feature in
issues of Interavia

Economic Aspects

U.S. big three: The financial picture. illus
tab Interavia 37:612 Jun '82

Brazil

The Brazil situation. Gen T.R. Milton, Ret.
map illus AF Mag 65:111-115 Mar '82

France

French industry--new programs and technolog-
ical resources. Pierre Condom and Germain
Chambost. illus Interavia 37:583-585 Jun
'82

Great Britain

Farnborough International 82: A vintage year,
but . . . illus Interavia 37:1029-1036
Oct '82

Greece

The Greeks have a word for it, and it's
"success." David Harvey. illus Def & For
Aff 10:26-28 Oct '82

AIRCRAFT INDUSTRY AND TRADE - ContinuedSpain

Close up on Spain. The Spanish defence indus-
try. M. Ramirez Gabarrus. illus Mil Tech 6:
86-89+ Mar '82

United States

Ahrens AR 404--an outsider bids for the light
transport market. Derek Wood. illus tab
Interavia 37:139 Feb '82

General aviation in the USA--waiting for the
upturn. Marc Grangier. illus Interavia 37:
467-471 May '82

The next generation trainer: Which manufac-
turer's aircraft will merit the billion-
plus Air Force contract? illus Mil Elect/
Countermeasures 8:38+ May '82

Northrop--the daring innovator. Keith Dunstan
illus Pac Def Rep 9:17+ Aug '82

U.S. big three: The financial picture. illus
tab Interavia 37:612 Jun '82

Will Lockheed be the last to say enough is
enough? Bron Rek. illus tabs Interavia 37:
133-138 Feb '82

History

A.K. Longren--pioneer airman of the west.
Chuck Lebrecht. illus Am Avn Hist Soc J
26:258-270 Winter '81

The coming of jet transportation. Peter W.
Brooks. illus tabs Aerosp Hist 28:218-229
Dec '81

The Nicholas-Beazley Airplane Company: "The
garage that grew wings!" Jack Kennedy. map
illus Am Avn Hist Soc J pt 1, 27:34-54
Spring '82; pt 2, 27:97-119 Summer '82;
pt 3, 27:162-184 Fall '82

AIRCRAFT MAINTENANCESee also

Missile Maintenance
also subdivision Maintenance and Repair
under specific subjects, e.g.,
Motor Vehicles--Army--Maintenance and Repair

Aircraft corrosion prevention and control.
TIG Brief 34:9 May 14 '82

Application of scheduling heuristics to the
USAF aircraft maintenance depot. LtCol
Thomas D. Clark, Jr and 2dLt Joseph W.
Adams, Jr. tabs AF J Log 6:10-14+
Winter '82

Are you violating Air Force policy? TIG Brief
34:4 Dec 20 '82

Aviation operational readiness float--a
readiness enhancer. Maj Berchard Ray Ship-
ley. illus Army Log 14:17-19 Jul-Aug '82

Chock talk--incidents and incidentals with a
maintenance slant. Regular feature in
issues of TAC Attack

AIRCRAFT MAINTENANCE - Continued

- Improved oil analysis. SMSgt Edward R. Stembler. illus Army Log 14:12-13 Mar-Apr '82
- Integrated maintenance information system: An imaginary preview. Robert C. Johnson. AF J Log 6:15-17 Summer '82
- Lessons learned/maintainability of hydraulic lines. TIG Brief 34:6 Jan 8 '82
- Maintenance, Latin American style. Capt G.D. Muse. illus USA Avn Dig 28:12-13 Sep '82
- The Nicholas-Beazley Airplane Company: "The garage that grew wings!" Jack Kennedy. map illus Am Avn Hist Soc J pt 1, 27:34-54 Spring '82; pt 2, 27:97-119 Summer '82; pt 3, 27:162-184 Fall '82
- Panel fasteners vs maintenance manhours: Minimization of life-cycle cost. James K. Seger. tabs Log Spectrum 15:28-30 Winter '81
- A quarter century of Air Force maintenance. James R. McCarthy. illus Aerosp Hist 29:48-55 Mar '82
- Ready-to-go rate climbing as TAC fine-tunes its F-15s. Leonard Famiglietti. AF Times 42:14 Mar 8 '82
- Restructuring CMF (Career Management Field) 67. Capt Charles N. Avery. illus Army Log 14:16-17 Sep-Oct '82
- The rice paddy depot (Kimhae, Korea). SSgt Craig Pugh. illus Airman 26:28-34 Feb '82
- The sexual life of a mathematical model. SqLdr D.J. Seaton. Log Spectrum 16:27-29 Fall '82

AIRDROP

- Drop at dawn: Gallant Eagle 82--a "total force" effort. Capt Gale E. Clouse, Jr. illus MAC Flyer 29:20-23 Jul '82
- The shape of things to come: Close Look I and tactical operations. John W. Partin. illus Airlift Ops Rev 4:23-27 Apr-Jun '82
- Volant Rodeo--'82. Capt Byron L. Howard. illus MAC Flyer 29:16-18 Sep '82

AIRFRAMES

- RPV airframe trends. D.J. Mourey. illus Natl Def 67:22-25 Sep '82

AIRLIFT

See also
Berlin Airlift
Mercy Missions

- Advanced civil military aircraft ACMA: Airlift for the future. LtCol Ronald L. Baldwin and Maj James E. Mrazek. illus MAC Flyer 29:4-6 Jan '82
- The airlift enigma and a plan for the future. Vincent C. Hughes. illus Armed Forces J Intl 120:25-26+ Oct '82

AIRLIFT - Continued

- Airlift: Finding the plane to fit the mission. Everett A. Chambers. illus tabs Armed Forces J Intl 120:40-41+ Nov '82
- Airlift: Key to modern military mobility. Edgar Ulsamer. illus AF Mag 65:174-176+ Sep '82
- Airlifters at Red Flag: The key is preparation. Capt Byron L. Howard. illus MAC Flyer 29:8-11 May '82
- An airlifting experience. Air Reservist 34: 8-9 Sep-Oct '82
- Airlift's role in deployed force readiness. LtCol Dale M. Rucker. illus map Airlift Ops Rev 4:17-21 Jan-Mar '82
- "The best 101st Air Mobile Division in the world isn't going to deter a soul if it can't fight outside the confines of Ft Campbell, KY." LuAnne K. Levens and Benjamin F. Schemmer. Interview. illus por Armed Forces J Intl 119:50+ Jul '82
- Budget cutters are only ones likely to win battle over C-5B/74F/C-17 airlift alternatives. Benjamin F. Schemmer. tab illus Armed Forces J Intl 119:38-40+ Jul '82
- C-17: The new direct-delivery airlifter. illus (Also cutaway) tabs Airlift Ops Rev 4:12-16 Jan-Mar '82
- Close Look II update. LtCol Robert G. Lackey. illus Airlift Ops Rev 4:12-13 Apr-Jun '82
- Commander in Chief, Military Airlift Command, April 1977 - June 1979. Interview. Gen William G. Moore, Jr. illus por Airlift Ops Rev 4:1-7 Apr-Jun '82
- Commander in Chief, Military Airlift Command (CINCMAC). Interview. Gen James R. Allen. illus por Airlift Ops Rev 4:1-7 Jan-Mar '82
- Communications: Key to airlift effectiveness. Col Ray G. Green, Jr. illus Airlift Ops Rev 4:22-24 Jan-Mar '82
- The compelling requirement for combat airlift. Col Alan L. Gropman. illus AU Rev 33: 2-15 Jul-Aug '82
- Conference on national strategic mobility. Def Trans J 38:29-33 Jun '82
- "Initially . . . it's all airlift." Commander, RDJTF (Rapid Deployment Joint Task Force). Interview. illus por Airlift 4:2-6 Fall '82
- Load planning, rapid mobilization and the computer. Capt Walter F. Huebner. illus AF J Log 6:22-24 Winter '82
- MAC: Unlimited capability . . . ? Col Charles Gilbert. Airlift 4:20-21 Fall '82
- Management of nuclear airlift mission support. TIG Brief 34:3-4 Jun 11 '82

AIRLIFT - Continued

Marines and tactical airlift. Capt J.E.Walker.
MarCor Gaz 66:18-19 Jun '82

Moving an (Allied Command) Mobile Force.
GpCapt Alan Curry. illus NATO's Fifteen
Nations 27:90+ Aug-Sep '82

OSA (Operational Support Airlift). LtCol
Donald L.Buck. illus Airlift Ops Rev 4:
8-11 Jan-Mar '82

Rapid reinforcement of NATO. Maj James
Crumley, Jr. illus Airlift 4:16-19 Fall '82

Soviet airlift: Coming of age. Maj Lee Nelli.
illus tab Airlift 4:10-15 Summer '82

Strategic mobility: Requirements & future
trends. LtGen Oren E.DeHaven. illus tabs
Airlift 4:9-15 Fall '82

Strategic mobility: Shortfalls & solutions.
LtGen Oren E.DeHaven. illus Defense/82,
pp 10-15, Mar '82

Tactical airlift. Maj George Schriever and
Capt Danny Baird. illus Airlift 4:22-25
Fall '82

A uniform national air-cargo system--do we
need it? Paul D.Tuck. illus tabs AU Rev
33:58-67 Jul-Aug '82

Wartime airlift aeromedical style. Capts Dan
Reay and David Walker. illus Airlift 4:
16-20 Summer '82

History

The compelling requirement for combat air-
lift. Col Alan L.Gropman. illus AU Rev 33:
2-15 Jul-Aug '82

Pakistan airlift 64. Maj Timothy A.Fuhrman.
illus map Airlift Ops Rev 4:25-27 Jan-
Mar '82

The roots of strategic airlift. John Weber.
illus Airlift 4:26-28 Fall '82

The shape of things to come: Close Look I and
tactical operations. John W.Partin. illus
Airlift Ops Rev 4:23-27 Apr-Jun '82

AIRLIFT OPERATIONS SCHOOL

Airlift Operations School--building a think-
war attitude. Col Ray D.Reaves. illus Air-
lift Ops Rev 4:20-22 Apr-Jun '82

AIRLIFT UNITS

The 89th Military Airlift Wing: Selectivity,
stability, autonomy. William P.Schlitz.
illus AF Mag 65:88-93 Apr '82

AIRLINES

See also
Aviation, Commercial

SITA's (Société Internationale de Télécommu-
nications Aeronautiques) new directions--
the growth of airline telematics. Chris
Bullock. illus tab Interavia 37:703-705
Jul '82

AIRLINES - ContinuedDirectories

The world's major airlines: An Interavia
survey. illus Interavia 37:1077-1092
Oct '82

Fares

Discount leave fares: Facts and reminders.
Translog 13:17-18 Aug '82

Passenger Service

The Air Transport Association of America.
Anne Moss. Translog 13:23 Aug '82

At your service, DOD. Barbara Cornell. illus
Translog 13:14-15 Aug '82

Director, passenger traffic. Interview. tab
Translog 13:2-4 Aug '82

Passenger briefings: How effective are yours?
MSgt Ronald D.Livingston. Combat Crew 32:
8-9+ Oct '82

You've got a friend at MATCU! (Military Air
Traffic Coordinating Units). Mary N.Buck-
lew. illus Translog 13:5-6 Feb '82

Statistics

The world's major airlines: An Interavia
survey. illus Interavia 37:1077-1092
Oct '82

Japan

Situation normal--the confused domestic scene
in Japan. Rodger Goodson. illus Interavia
37:447-450 May '82

United States

Airline pilot disability: Economic impact of
an airline preventive medicine program.
Robert Anderson and Charles C.Gullett. tabs
Aviation, Space & Envmt Med 53:398-402 Apr
'82

Boeing's bigger narrowbody. Bron Rek. illus
tabs Interavia 37:43-46 Jan '82

The CAAA (Commuter Airline Association of
America) is dead, long live RAA (Regional
Airline Association). Bron Rek. illus
Interavia 37:24+ Jan '82

How the Air Force capitalized on a faltering
airline industry. MajGen Kenneth L.Peek,
Jr. tab Def Mgt J 18:2-7 Second Quarter '82

Turning Pan Am around--Ed Acker talks to
Interavia. Rodger Goodson. illus tab
Interavia 37:32-33 Jan '82

The U.S. majors: Facts behind the figures.
illus tabs Interavia 37:708-709 Jul '82

AIRMAN COMMISSIONING PROGRAM see Airman Educa-
tion and Commissioning Program

AIRMAN EDUCATION AND COMMISSIONING PROGRAM

Grow your own engineers. 2dLt James Aldrich.
illus AF Engrg & Svcs Qtr 23:31-33 Fall
'82

AIRMAN PERFORMANCE REPORTS

WAPS (Weighted Airman Promotion System) break
seen for improved APRs (Airman Performance
Reports). Don Mace. AF Times 43:1+ Dec 20
'82

AIRMEN

All-military super troopers: The Honor Guard.
Christine Adamec. illus Sergeants 20:18-19
Apr '82

Changes to manual (AFR 39-1): Family support
identifier, 1 ladder for radio comm(unica-
tions analysts). AF Times 42:4 Apr 26 '82

Outstanding airmen selected for '82. illus
AF Times 42:28 Jun 14 '82

Rehabilitation

Break of a lifetime. (3320th Correction and
Rehabilitation Sq, Lowry AFB, CO) SSgt
Lorenzo D.Harris. illus Airman 26:12-17
May '82

101 court-martialed get second chance at
Lowry (AFB, CO). Len Famiglietti. illus
AF Times 42:12 Apr 5 '82

AIRPLANE TYPE

Both U.S. and foreign military airplanes are
entered under type as given in the latest
issue of Jane's All the World Aircraft. Only
airplane types actually in production are
entered under type. Prototypes or experimen-
tals (X) aircraft are entered under Aircraft,
Experimental. A see reference will be made
from the popular name to the model designa-
tion.

A-6

Phantoms, Intruders, and Marines. LtCol L.G.
Karch. illus MarCor Gaz 66:28-29 Aug '82

A-7

The fighters (aircraft mishap data). Maj
Bruce Cox and others. illus tabs Flying
Safety 38:8-17 Apr '82

One hornet, two stings. Lt Robert E.Stumpf.
illus US Nav Inst Proc 108:115-119 Sep '82

History

A-7: The super-accurate "bomb truck." Stefan
Geisenheyner. illus tabs Asian Def J No.1:
52-57 Jan '82

A-10

(580) A-10s (to the Air Force, Air Force
Reserve, and Air National Guard). Maj
James H.Ground. illus tabs Flying Safety
38:6-9 May '82

G stress on A-10 pilots during JAWS II exer-
cises. Kent K.Gillingham and others. illus
tabs Aviation, Space & Envmt Med 53:336-
341 Apr '82

AIRPLANE TYPE - ContinuedA-10 - Cont'd

GAU-8A: High versus low rate. Capts Sam
Walker and Ed Houle. illus USAF Ftr Wpns
Rev No.4:2-5 Spring '82

JAAT (Joint Air Attack Team): A present con-
cept. Maj William J.Filippini and Capt
David S.Prewitt. illus USA Avn Dig 28:2-7
Nov '82

Maintenance and Repair

Human engineering and all that. Paul Seiden-
man. illus Natl Def 66:30-33+ Jan '82

AV-8

The AV-8B could meet long-term RAN needs.
Roy Braybrook. illus Pac Def Rep 8:14-16
Apr '82

AV-8B/Harrier GR.5--range, payload and VSTOL.
Mark Lambert. illus (Also cutaway) Inter-
avia No.3:224-227 Mar '82

The AV-8B light attack aircraft. K.Mehta.
illus tab Asian Def J No.12:84-86+ Dec '82

Airfield survivability and VSTOL. AVM Patrick
Hine. illus NATO's Fifteen Nations Special
Issue No.1:59-60+ '82

The Falklands? I thought they won that
one . . . LtCol E.Terry Mattke. illus
Armed Forces J Intl 120:96+ Nov '82

Fiber-optic technology takes to the air.
Theodore J.Urbanik. illus Mil Elect/
Countermeasures 8:32+ Oct '82

Harrier and Sea Harrier operations in the
Falklands Crisis. Richard A.Ewin. illus
tabs Asian Def J No.10:79+ Oct '82

The Harrier V/STOL AV-8B. Lon Nordeen. tab
illus NATO's Fifteen Nations Special Issue
No.2:116+ '82

Alpha Jet

Alpha jet flight report. Rudolf Wicki. illus
Armada Intl 6:14+ Jul-Aug '82

The Alpha Jet NGEA ground attack fighter.
illus Asian Def J No.9:98-100+ Sep '82

New-generation Alpha Jet--greater capability
in navigation and attack. Germain Chambost.
illus tab Intl Def Rev 15, No.8:1049-1052
'82

Trainer competitors for the RAAF. Roy Bray-
brook. illus Pac Def Rep 8:59-61 May '82

B-1

B-1B: The bomber which came back. J.Philip
Geddes. illus tab Intl Def Rev 15, No.1:
39-45 '82

Farnborough International '82. illus Islamic
Def Rev 7, No.3:12-25 '82

The future of the U.S. manned bomber. Ron
Sherman. illus tab Mil Tech 6:121-122+
Jul '82

AIRPLANE TYPE - ContinuedB-1 - Cont'd

Hill committees okay full funding for B-1.
AF Times 42:3 Apr 26 '82

House clears B-1 \$\$; rejects MX. Leonard
Famiglietti. AF Times 43:3 Dec 20 '82

Lessons learned: B-1B application. TIG Brief
34:5-6 Nov 29 '82

A look at the B-1. illus Navigator 29:16-17
Spring '82

The now bomber: The B-1B. Capt Katie Cutler.
illus tab Airman 26:2-7 Oct '82

Rockwell awarded \$2.2-billion to begin B-1B
production. Deborah G. Meyer. Armed Forces
J Intl 119:26 Mar '82

Strategic forces: The Reagan story. Colin S.
Gray. Intl Sec Rev 6:437-447 Winter '81/'82

The U.S. Air Force today--speed, flexibility,
and global reach. John T. Correll. illus
Sea Power 25:90+ Apr '82

Costs

DOD denies GAO access to cost documents on
B-1. Paul Smith. AF Times 42:3 May 10 '82

B-17History

The Memphis Belle. H.R. Kaplan. illus Ser-
geants 20:16+ Mar '82

B-18

The B-18--a reminiscence. MajGen Winton R.
Close, Ret. illus Aerosp Hist 29:90-92
Jun '82

B-36

The B-36 Peacemaker. LtCol William W. Miller.
illus Navigator 29:9-10 Winter '82

B-52

The B-52 G/H weapon system trainer. Maj John
E. Magness. Combat Crew 32:26-27 Feb '82

B-52 operations in . . . Bright Star. Maj
David A. Dick. illus Combat Crew 32:14-17
Sep '82

Down under operations. 2dLt Jimmy B. Ellis.
illus Combat Crew 32:8-9 Dec '82

The now bomber: The B-1B. Capt Katie Cutler.
illus tab Airman 26:2-7 Oct '82

SAC trains the way it would fight. Maj Bruce
Eickhoff. illus AF Mag 65:62-66 Feb '82

Triangle-K returns. Capt Barry A. McQueen.
illus Aerosp Hist 29:269-273 Dec '82

Twilight of the tall-tail gunners. SSgt
Jim Katzaman. illus Airman 26:41-47 Dec
'82

Welcome the ALCM (Griffiss AFB, NY, readies
the first squadron of B-52's to carry
ALCMs). Capt Katie Cutler. illus Airman 26:
21-27 Jun '82

AIRPLANE TYPE - ContinuedB-52 - Cont'dHistory

Saving the B-52: Operation Power Flite. Capt
Bud Baker and Dennis Casey. illus Combat
Crew 32:4-6 Jan '82

B-58

Supersonic hustler. Jennifer Harper. illus
tab AF Mag 65:62-63 Aug '82

History

The B-58 bomber: Requiem for a welterweight.
R. Cargill Hall. illus (Also cutaway) AU
Rev 33:44-56 Nov-Dec '81

Backfire

See Tu-22M

C-5

The airlift enigma and a plan for the future.
Vincent C. Hughes. illus Armed Forces J Intl
120:25-26+ Oct '82

"Brain surgery" for the C-5. Maj Anthony Lynn
Batezel. illus Airman 26:45-48 Feb '82

C-5 off-runway tests. LtCol William Johnson.
illus Airlift 4:5-7 Summer '82

The C-5A. Capt Kimberly H. Gilbert. map illus
Navigator 29:5-7 Summer '82

Controversy over USAF airlift transports.
Keith Genes. illus Asian Def J No.8:90-91
Aug '82

Ground-bound Galaxys. (Flight simulators
train C5A crews at Altus AFB, OK) LtCol
Garry Mitchelmore. illus Airman 26:36-41
May '82

The heavies (aircraft mishap data). Maj John
J. Colsch. illus tabs Flying Safety 38:19-29
Apr '82

New C-5 wing "seeped" so much fuel it had to
be reworked, but AF says fix works. Ben-
jamin F. Schemmer. tab Armed Forces J Intl
119:16-17+ Jan '82

C-9

The Nightingale shuttle: Patients, paella,
and professionals. Capt Gale E. Clouse, Jr.
illus MAC Flyer 29:22-23 Jun '82

C-130

Close Look II update. LtCol Robert G. Lackey.
illus Airlift Ops Rev 4:12-13 Apr-Jun '82

Farnborough International '82. illus Islamic
Def Rev 7, No.3:12-25 '82

The flight of the Blind Bat (strike control
and reconnaissance mission). LtCol Richard
Earl Hansen, Ret. illus AU Rev 33:40-47
May-Jun '82

The heavies (aircraft mishap data). Maj John
J. Colsch. illus tabs Flying Safety 38:19-29
Apr '82

AIRPLANE TYPE - ContinuedC-130 - Cont'd

New wings for old birds: Rewinging the Herk.
Capt Gale E. Clouse, Jr. illus MAC Flyer
29:4-6 Nov '82

One herk (of a) refueling! Capt Onesimo
Solis, Jr. illus Combat Crew 32:10-13
Jun '82

C-135

The heavies (aircraft mishap data). Maj John
J. Colsch. illus tabs Flying Safety 38:19-29
Apr '82

C-141

Close Look II update. LtCol Robert G. Lackey.
illus Airlift Ops Rev 4:12-13 Apr-Jun '82

Controversy over USAF airlift transports.
Keith Genes. illus Asian Def J No. 8:90-91
Aug '82

The heavies (aircraft mishap data). Maj John
J. Colsch. illus tabs Flying Safety 38:19-29
Apr '82

A Reservist shares his views on: Need to
know/nice to know. LtCol C. B. Casson. illus
MAC Flyer 29:21-23 Feb '82

Why the C-141 stretch program succeeded.
C. Phillip Settlemyer. illus Airlift 4:
21-24 Summer '82

CT-39

The heavies (aircraft mishap data). Maj John
J. Colsch. illus tabs Flying Safety 38:19-29
Apr '82

OSA (Operational Support Airlift). LtCol
Donald L. Buck. illus Airlift Ops Rev 4:
8-11 Jan-Mar '82

See A-7

Corsair IIEA-6

Simulators play key role in EA-6B pilot
training. Hal Gershanoff. illus J of Elect
Def 5:60-62 Sep '82

EF-111

The EF-111: A fox on the prowl. SSgt Craig
Pugh. illus Airman 26:16-21 Aug '82

USAF buys EF-111A trainer. Hal Gershanoff.
illus J of Elect Def 5:63+ Sep '82

See F-15

Eagle

See P-51

EnforcerF-4

ARNIE (AN/ARN-101 Digital Modular Avionics
System)--the WSO's friend. Capt Randall R.
Schmidt. Navigator 29:18-19 Winter '82

AIRPLANE TYPE - ContinuedF-4 - Cont'd

Blown tire season. LtCol Horst A. Gaede. illus
Flying Safety 38:16-17 Feb '82

F-4 single engine recoveries with utility
hydraulic failure. Maj Gary L. Studdard.
illus Flying Safety 38:2-4 May '82

Getting rid of the lid. MSgt William T.
Smith. TAC Attack 22:4-5 Sep '82

High stakes and bad odds (the fire warning
light). illus TAC Attack 22:12-13 Apr '82

Listen when Arnie (ARN-101 system) speaks.
Maj Bob French. tab illus USAF Ftr Wpns
Rev, pp 9-12, Summer '82

Phantom canopy snakebite. Capt J. L. Nelson.
illus TAC Attack 22:12-14 May '82

Phantoms, Intruders, and Marines. LtCol L. G.
Karch. illus MarCor Gaz 66:28-29 Aug '82

Preparing for "war"--Red Flag. Maj Kenneth P.
Wicks. illus Flying Safety 38:2-6 Nov '82

Rhino brain transplant (F-4 now modified with
the Digital Target Intercept Computer
(LRU-1)). Capt Tom Graves. illus USAF Ftr
Wpns Rev, p 13+, Summer '82

Rhino's new bullet: The AIM-7F (recent Digi-
tal LRU-1 modification). Capt John Barry.
illus USAF Ftr Wpns Rev, pp 18-20, Summer
'82

Simple vs sophisticated TacAir avionics. Jim
Bussert. illus tabs Mil Elect/Counter-
measures pt 1, 8:77-82 Feb '82; pt 2,
8:56-62 Mar '82

A wild ride (F-4 mishap). Benjamin S. Lambeth.
illus Flying Safety 38:12-16 Sep '82

Wild Weasels smash the vermin. Thomas M.
Cleaver. illus AF Mag 65:80-82 Jul '82

F-5

The case for the F-5G "export" fighter. Keith
Shreyes. tab illus Asian Def J No. 10:33+
Oct '82

F-5G avionics stress simplicity and ease of
maintenance. illus Def Elect 14:160-162+
Oct '82

F-5G Tigershark: In for a testing time.
Charles Gilson. tab illus Intl Def Rev 15,
No. 9:1281-1284 '82

F-5G Tigershark--testing time lies ahead.
Charles Gilson. tab illus Interavia 37:
1045-1047 Oct '82

Nonsale of F-5Gs to Taiwan could shape fu-
ture arms policy. Bud Andrews. AF Times
42:3 Jan 25 '82

Northrop rolls out company funded F-5G Tiger-
shark fighter. illus J of Elect Def 5:49-50
Sep '82

AIRPLANE TYPE - ContinuedF-5 - Cont'd

Northrop--the daring innovator. Keith Dunstan. illus Pac Def Rep 9:17+ Aug '82

Pressures build for DOD to buy and help sell Northrop F-5G as its business prospects look bleaker than advertised. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 120:88-89+ Sep '82

A smile on the face of the tiger. Gregory Copley. illus Def & For Aff 10:6-8+ Nov '82

Taiwan and the F-5G denial. tab illus Asian Def J No.4:36-37 '82

Tigershark. illus Asian Def J No.11:50-52+ Nov '82

F-8

The Crusader: Farewell to the fleet. LCDR Peter B. Mersky. illus US Nav Inst Proc 108: 56-61 Jun '82

F-14

AWG-9 (weapons control system) delivers punch for Tomcat. Claudette Olson. illus Asian Def J No.6:94+ Jun '82

Simple vs sophisticated TacAir avionics. Jim Bussert. illus tabs Mil Elect/Counter-measures pt 1, 8:77-82 Feb '82; pt 2, 8:56-62 Mar '82

When only the best will do. Roy Braybrook. illus Pac Def Rep 9:17-18+ Oct '82

F-15

The AN/ALQ-135 supportable survivability for the F-15 Eagle. V.J. Battaglia and T.W. Benard. illus J of Elect Def 5:55-59 Apr '82

Becoming an F-15 wingman. F. Clifton Berry, Jr. illus AF Mag 65:116-122 Mar '82

Blocking & tackling (skills essential to the F-15 pilot are Radar Employment and Basic Fighter Maneuvers (BFM)). Capt Paul Stucky. illus USAF Ftr Wpns Rev, pp 24-28, Winter '81

Eagles over the Pacific (Kadena AB's 18th Tactical Fighter Wing support of the F-15 mission). SSgt Craig Pugh. illus Airman 26: 16-21 Mar '82

F-15 formation landings. Maj Charles I. Maas. TAC Attack 22:8-9 Feb '82

F100 engine update. illus TAC Attack 22:12-14 Jan '82

The fighters (aircraft mishap data). Maj Bruce Cox and others. illus tabs Flying Safety 38:17 Apr '82

Meeting the threat . . . sophistication vs. simplicity. Maj Dick Anderegg. illus Natl Def 67:56-59+ Jul-Aug '82

AIRPLANE TYPE - ContinuedF-15 - Cont'd

On the road (again). Patrick Henry. illus Flying Safety 38:7-8 Dec '82

Ready-to-go rate climbing as TAC fine-tunes its F-15s. Leonard Famiglietti. AF Times 42:14 Mar 8 '82

Resources allocation--the F-100 engine experience. Maj Philip J. Williams. tabs AF J Log 6:15-19 Spring '82

Simple vs sophisticated TacAir avionics. Jim Bussert. illus tabs Mil Elect/Counter-measures pt 1, 8:77-82 Feb '82; pt 2, 8:56-62 Mar '82

When only the best will do. Roy Braybrook. illus Pac Def Rep 9:17-18+ Oct '82

Testing

How they do it at the factory (Air Force Plant Representative's Office (AFPRO) can help provide a safer product). Capt Gale E. Clouse, Jr. illus TAC Attack 22:8-11 Jun '82

F-16

AFTI (Advanced Fighter Technology Integration)/F-16: Flying testbed for future avionics. illus Def Elect 14:88-91 Aug '82

The case for the F-5G "export" fighter. Keith Shreves. tab illus Asian Def J No.10:33+ Oct '82

F-16 engine stalls: The wrong way and the right way. TAC Attack 22:8-10 May '82

Falcon fliers all. (16th Tactical Fighter Training Sq, Hill AFB, UT) SSgt Craig Pugh. illus Airman 26:2-7 May '82

The fighters (aircraft mishap data). Maj Bruce Cox and others. illus tabs Flying Safety 38:8-17 Apr '82

The General Dynamics F-16XL. illus tab Asian Def J No.10:102-103 Oct '82

Hydrazine revisited. illus TAC Attack 22: 24-25 Apr '82

Simple vs sophisticated TacAir avionics. Jim Bussert. illus tabs Mil Elect/Counter-measures pt 1, 8:77-82 Feb '82; pt 2, 8:56-62 Mar '82

T-Birds to take on dual role. Leonard Famiglietti. illus AF Times 42:2 Apr 12 '82

They wrote the book. (388th Tactical Ftr Wg, Hill AFB, UT) SSgt Denise E. Cornella. illus Airman 26:8-9 May '82

F-18

Another decision time approaches for F/A-18 Hornet program. L. Edgar Prina. illus Sea Power 25:14-16+ Sep '82

One hornet, two stings. Lt Robert E. Stumpf. illus US Nav Inst Proc 108:115-119 Sep '82

AIRPLANE TYPE - ContinuedF-18 - Cont'd

Simple vs sophisticated TacAir avionics. Jim Bussert. illus tabs Mil Elect/Countermeasures pt 1, 8:77-82 Feb '82; pt 2, 8:56-62 Mar '82

Why we chose the F/A-18. Pac Def Rep 8:220+ Dec '81/Jan '82

F-86

Sabre Dart. Rod Beckett and others. illus USAF Ftr Wpns Rev, pp 2-7, Winter '81

F-94History

We got ours at night--the story of the Lockheed F-94 Starfire in combat. Francis J. Amody. illus Am Avn Hist Soc J 27:148-150 Summer '82

F-104

Slipping the surly bonds with a zip--the F-104. MajGen Robert E. Messerli. illus Aerosp Hist 29:98-105 Jun '82

F-105

Of bears, weasels, ferrets and eagles. Col Harold E. Johnson. illus AU Rev 33:86-93 Jan-Feb '82

F-111

Tactical jamming: A new role for the F-111. Sgt George Fillgrove. illus Mil Elect/Countermeasures 8:28+ Feb '82

FB-111

Mechanism of vertebral fracture in the F/BB-111 ejection experience. Bernard F. Hearon and others. tabs illus Aviation, Space & Envmt Med 53:440-448 May '82

FRS. Mk 1

Harrier and Sea Harrier operations in the Falklands Crisis. Richard A. Ewin. illus tabs Asian Def J No.10:79+ Oct '82

Sea Harrier fully operational. Roy Braybrook. illus Intl Def Rev 15, No.1:47-51 '82

Forger

See Yak-36

Freedom Fighter

See F-5

Galaxy

See C-5

Harrier

See AV-8

Hawk T. Mk 1

The case for the Hawk. Roy Braybrook. illus Asian Def J No.4:48-50+ '82

Trainer competitors for the RAAF. Roy Braybrook. illus Pac Def Rep 8:59-61 May '82

AIRPLANE TYPE - ContinuedHercules

See C-130

Hornet

See F-18

Hustler

See B-58

Intruder

See A-6

Jaguar

See Jaguar GR. Mk 1

Jaguar GR. Mk 1

Carry on Jaguar--developments into the eighties. Michael J. Gething. Reprinted from Defense, Sep '81. illus Asian Def J No.7: 50-52+ Jul '82

Jaguar T. Mk 2

See also Jaguar GR. Mk 1

KC-10

Controversy over USAF airlift transports. Keith Genes. illus Asian Def J No.8:90-91 Aug '82

The heavies (aircraft mishap data). Maj John J. Colsch. illus tabs Flying Safety 38:19-29 Apr '82

KC-97

Going home: Final flight for an old warhorse. LtCol Thomas Beal. illus Air Reservist 34:15 Feb '82

The KC-97L: Evolution of the Air Guard's six-engine tanker. LtCol James L. Delaney, Ret. illus Aerosp Hist 29:265-268 Dec '82

KC-135

Inside the looking glass (SAC airborne command post). Capt Katie Cutler. illus Airman 26:7-12 Sep '82

KC-135 fuel conservation--revisited. Capt J.H. Seader. tabs illus Combat Crew 32:26-27 Jan '82

KC-135 go-arounds: Pitch and power priorities. Capt Ron Sams. tab Combat Crew 32: 18-19 Sep '82

(KC)-135 onboard computer. Fuel savings and take off data, too! tabs illus Combat Crew 32:18-21 Oct '82

On fusion confusion. Capt Clifford M. Wippel. illus Combat Crew 32:4-5+ Jun '82

"The wing crack story." Capt Michael H. McQuinn. illus Combat Crew 32:12-13+ Mar '82

M.B. 339

Trainer competitors for the RAAF. Roy Braybrook. illus Pac Def Rep 8:59-61 May '82

AIRPLANE TYPE - ContinuedMirage F.1

Mirage F.1B: The first two-seat operational trainer in the French Air Force. Germain Chambost. illus Intl Def Rev 15, No.5: 569-572 '82

See P-51 Mustang

See C-9 Nightingale

See P-3 Orion

P-3

The enemy below: Update on Navy ASW programs and systems. Thomas B. Allen. illus Sea Power 25:11-12+ Oct '82

Submarine hunter (Update II version of the Lockheed P-3C Orion). Jacquelyn S. Porth. illus Def & For Aff 10:10-13+ Jul '82

Why is Navy "destabilizing" the P3 aircraft program? illus Govt Exec 14:35-36 Feb '82

P-51

Enforcer out of Mustang came: But the Merlin's roar gives way to turbine's whine. Jacquelyn S. Porth. illus Def & For Aff 9: 6-9+ Oct '81

See F-4; RF-4 Phantom II

RF-4

Tactical Electronic REConnaissance (TEREC) operational employment. Mike Stambolis and Paul W. Post. illus J of Elect Def 5:115-116+ Oct '82

S-3

Introducing the S-3B Viking. illus Asian Def J No.1:66-67 Jan '82

SR-71

SR-71 mach 3+. Maj Frank W. Stampf. illus Navigator 29:4-8 Spring '82

Surviving in high places. SSgt Craig Pugh. illus Airman 26:42-48 Sep '82

See F-86 Sabre

See FRS. Mk 1 Sea Harrier

See F-104 Starfighter

See C-141 Starlifter

See B-52 Stratofortress

See KC-97 Stratofreighter

See C-135 Stratolifter

AIRPLANE TYPE - Continued

See KC-135 Stratotanker

T-37

The fighters (aircraft mishap data). Maj Bruce Cox and others. illus tabs Flying Safety 38:8-17 Apr '82

Next generation trainer. Frank Weatherly. Flying Safety 38:16-17 Mar '82

The next generation trainer: Which manufacturer's aircraft will merit the billion-plus Air Force contract? illus Mil Elect/Countermeasures 8:38+ May '82

T-38

T-38 aircraft wing NonDestructive Inspection (NDI): No place for complacency. TIG Brief 34:8 Feb 5 '82

See F-111 T F X

TR-1

Farnborough International '82. illus Islamic Def Rev 7, No.3:12-25 '82

Tu-22M

A new look at the Tupolev Tu-26 'Backfire.' Georges Lafon. illus tabs Interavia 37:78-79 Jan '82

See Tu-22M Tu-26

See T-38 Talon

See A-10 Thunderbolt II

See F-105 Thunderchief

See F-14 Tomcat

Tornado F. Mk 2

See also Tornado GR. Mk 1

EW and the British aerospace Tornado. illus J of Elect Def 5:60-61 May '82

Flying the Tornado F.2 air defense variant. Peter Gordon-Johnson. illus Intl Def Rev 14, No.12:1627-1632 '81

RAF accepts first Tornado simulator. illus Intl Def Rev 15, No.1:103 '82

The tactical value of the Tornado. LtCol Hans Felde. NATO's Fifteen Nations Special Issue No.2:90+ '81

Tornado mid-life update--looking forward to improving the breed. Mike Hirst. tab illus Intl Def Rev 15, No.8:1018-1021 '82

Tornado GR. Mk 1

See also Tornado F. Mk 2

AIRPLANE TYPE - ContinuedTornado GR Mk 1 - Cont'd

The tactical value of the Tornado. LtCol Hans Felde. NATO's Fifteen Nations Special Issue No.2:90+ '81

Tornado mid-life update--looking forward to improving the breed. Mike Hirst. tab illus Intl Def Rev 15, No.8:1018-1021 '82

Training on the Tornado--in squadron service soon. Paul Maurice. illus Interavia 37:80-81 Jan '82

See Tu-22M

TupolevU-21History

A detailed history of the U-21. LT James R. Dobson. illus tabs USA Avn Dig 28:14-19 Jun '82

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Ute

See F-14

V F X

See S-3

V S X

See S-3

VikingX-29

Fuel-efficient X-29A due first flight in late '83. Leonard Famiglietti. illus AF Times 42:23 Jan 18 '82

See also F-16 YF-16

Yak-36

The Soviet Navy's "Yak-36 Forger." illus tab Asian Def J No.11:87-88 Nov '82

Yak-36 Forger: The Brand X VTOL fighter. Georges Lafon. illus tabs Interavia No.3: 228-230 Mar '82

See F-14 ZF-14

AIRPLANES

See also
Aircraft, Experimental

Interavia--world air forces survey 1982. tabs illus Interavia 37:51-55+ Jan '82

Jane's aerospace survey. John W.R.Taylor. illus AF Mag 65:40-47 Jan '82

Accidents
See Accidents, Air; Accidents, Ground (Aircraft)

Characteristics

Boeing's bigger narrowbody. Bron Rek. illus tabs Interavia 37:43-46 Jan '82

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

AIRPLANES - ContinuedCockpits

Airbus certificates the forward-facing cockpit. Mark Lambert. illus Interavia 37:40-42 Jan '82

Cockpit automation and workload reduction--too much of a good thing? Chris Bulloch. tabs Interavia No.3:263-264 Mar '82

The computerized cockpit for the one-man crew. Mark Lambert. illus Interavia 37: 608-609 Jun '82

Control
See Flight Control Systems

Design

Panel fasteners vs maintenance manhours: Minimization of life-cycle cost. James K. Seger. tabs Log Spectrum 15:28-30 Winter '81

Electronic Equipment
See Electronic Equipment (Aircraft)

Engines

See also
Gas Turbines (Aircraft)
Jet Engines

Equipment

Airborne management systems survey. illus tab Interavia No.3:254-262 Mar '82

Instruments
See Aeronautical Instruments

Landing and Takeoff

See also
Automatic Landing Systems
Hydroplaning
Microwave Landing Systems

The microwave in your future. Capt Byron L. Howard. illus MAC Flyer 29:8-11 Mar '82

A precision glidepath was never meant for . . . ducking under. illus MAC Flyer 29: 10-12 Jul '82

Touch and go (landing). Capt Neal D.Coyle. illus Combat Crew 32:8-9 Jan '82

Wind shear dangers. Frank Robertson. illus tab Pac Def Rep 9:49 Aug '82

Landing Gear

Proximity switches: Close enough for government work. illus MAC Flyer 29:14 Mar '82

Maintenance and Repair
See Aircraft Maintenance

Manufacture
See Aircraft Industry and Trade

Performance

Touch and go (landing). Capt Neal D.Coyle. illus Combat Crew 32:8-9 Jan '82

AIRPLANES - ContinuedPiloting

Captains (aircraft commanders, too) & co-pilots: Joint responsibility. Flying Safety 38:12-13 Mar '82

Get-there-itis. illus tab Flying Safety 38:13-15 Oct '82

The hazards of winter flying. Maj Kurt P. Smith. illus Flying Safety 38:4-6 Oct '82

Stay out of volcanic clouds. Maj Arthur P. Meikel. Flying Safety 38:7 Oct '82

Propellers

An analysis of civil aviation propeller-to-person accidents: 1965-79. William E. Collins and others. tabs Aviation, Space & Envmt Med 53:458-462 May '82

Refueling

See also
In-Flight Refueling

RestorationHistory

The Nicholas-Beazley Airplane Company: "The garage that grew wings!" Jack Kennedy. map illus Am Avn Hist Soc J pt 1, 27:34-54 Spring '82; pt 2, 27:97-119 Summer '82; pt 3, 27:162-184 Fall '82

Safety Measures

See also
Flying Safety

ASRS (Aviation Safety Reporting System) Alert Bulletin. Flying Safety 38:3 Mar '82

How do you use tech data? TAC Attack 22:20-21 May '82

Improving the crashworthiness of general aviation aircraft by crash injury investigations. William R. Kirkham. illus Aviation, Space & Envmt Med 53:319-325 Apr '82

Seats

Improving the crashworthiness of general aviation aircraft by crash injury investigations. William R. Kirkham. illus Aviation, Space & Envmt Med 53:319-325 Apr '82

Spare PartsHistory

The Nicholas-Beazley Airplane Company: "The garage that grew wings!" Jack Kennedy. map illus Am Avn Hist Soc J pt 1, 27:34-54 Spring '82; pt 2, 27:97-119 Summer '82; pt 3, 27:162-184 Fall '82

Takeoff

See Airplanes--Landing and Takeoff

AIRPLANES, AMPHIBIOUS

See also
Seaplanes

AIRPLANES, BOMBERCharacteristics

B-1B: The bomber which came back. J. Philip Geddes. illus tab Intl Def Rev 15, No.1: 39-45 '82

The B-36 Peacemaker. LtCol William W. Miller. illus Navigator 29:9-10 Winter '82

Gallery of Soviet aerospace weapons: Bombers and maritime. illus AF Mag 65:95-97 Mar '82

Gallery of USAF weapons: Bombers. illus AF Mag 65:153-154 May '82

A look at the B-1. illus Navigator 29:16-17 Spring '82

Design

B-1B: The bomber which came back. J. Philip Geddes. illus tab Intl Def Rev 15, No.1: 39-45 '82

Soviet Union

The defense against Soviet bombers. Tony Velocci. illus Natl Def 67:34-38+ Jul-Aug '82

Gallery of Soviet aerospace weapons: Bombers and maritime. illus AF Mag 65:95-97 Mar '82

A new look at the Tupolev Tu-26 'Backfire.' Georges Lafon. illus tabs Interavia 37:78-79 Jan '82

United States

B-1B: The bomber which came back. J. Philip Geddes. illus tab Intl Def Rev 15, No.1: 39-45 '82

Gallery of USAF weapons: Bombers. illus AF Mag 65:153-154 May '82

Lessons learned: B-1B application. TIG Brief 34:5-6 Nov 29 '82

Long-range combat aircraft and Rapid Deployment Forces. LtCol William R. Liggett. illus map AU Rev 33:72-81 Jul-Aug '82

The manned bomber. Gen B.L. Davis. illus por NATO's Fifteen Nations 27:38+ Feb-Mar '82

Rationale for strategic bomber development. MajGen Robert D. Russ. illus AF Mag 65:56+ Apr '82

History

The B-36 Peacemaker. LtCol William W. Miller. illus Navigator 29:9-10 Winter '82

The B-58 bomber: Requiem for a welterweight. R. Cargill Hall. illus (Also cutaway) AU Rev 33:44-56 Nov-Dec '81

Flying the dauntless dive-bomber. Charles S. Arthur. illus Aerosp Hist 29:146-153 Sep '82

The Memphis Belle. H.R. Kaplan. illus Ser-geants 20:16+ Mar '82

AIRPLANES, CARGO see

Airplanes, Military Transport
Airplanes, Transport

AIRPLANES, EXPERIMENTAL see Aircraft, ExperimentalAIRPLANES, FAMOUS AND HISTORIC

The Memphis Belle. H.R.Kaplan. illus Ser-geants 20:16+ Mar '82

Saga of a square tail steerman. Thomas E. Lowe and Kenneth D.Wilson. illus Am Avn Hist Soc J 27:82-91 Summer '82

The T-6: Ready when needed. Jeffrey L.Ethell. illus AF Mag 65:72-75 Apr '82

AIRPLANES, FIGHTER

The commercial fighter. Mark Lambert. illus Interavia 37:431-433 May '82

Weapon-aiming systems for fixed-wing aircraft. illus Mil Tech 6:29-30+ Nov '82

Armament

A-7: The super-accurate "bomb truck." Stefan Geisenheyner. illus tabs Asian Def J No.1: 52-57 Jan '82

Characteristics

A-7: The super-accurate "bomb truck." Stefan Geisenheyner. illus tabs Asian Def J No.1: 52-57 Jan '82

Carry on Jaguar--developments into the eighties. Michael J.Gething. Reprinted from Defense, Sep '81. illus Asian Def J No.7: 50-52+ Jul '82

The case for the F-5G "export" fighter. Keith Shreves. tab illus Asian Def J No.10:33+ Oct '82

Flying the Tornado F.2 air defense variant. Peter Gordon-Johnson. illus Intl Def Rev 14, No.12:1627-1632 '81

Gallery of Soviet aerospace weapons: Attack aircraft. illus AF Mag 65:101-102 Mar '82

Gallery of Soviet aerospace weapons: Fighters. illus AF Mag 65:97-100 Mar '82

Gallery of USAF weapons: Fighters. illus AF Mag 65:154-156 May '82

The General Dynamics F-16XL. illus tab Asian Def J No.10:102-103 Oct '82

Meeting the threat . . . sophistication vs. simplicity. Maj Dick Anderegg. illus Natl Def 67:56-59+ Jul-Aug '82

Northrop rolls out company funded F-5G Tiger-shark fighter. illus J of Elect Def 5:49-50 Sep '82

One hornet, two stings. Lt Robert E.Stumpf. illus US Nav Inst Proc 108:115-119 Sep '82

Project AX--a STOL attack fighter aircraft. Brian Walters. illus Asian Def J No.7:47+ Jul '82

AIRPLANES, FIGHTER - ContinuedCharacteristics - Cont'd

The Ram-L air superiority fighter--Soviet counterpart to the F-18? Georg Panyalev. illus tabs Intl Def Rev 14, No.12:1609-1612 '81

A smile on the face of the tiger. Gregory Copley. illus Def & For Aff 10:6-8+ Nov '82

Tigershark. illus Asian Def J No.11:50-52+ Nov '82

Design

Future tactical combat aircraft in NATO. AVM P.B.Hine. illus NATO's Fifteen Nations 27:48+ Apr-May '82

Meeting the threat . . . sophistication vs. simplicity. Maj Dick Anderegg. illus Natl Def 67:56-59+ Jul-Aug '82

Precision guided munitions--a perspective. Charles S.Epstein. illus NATO's Fifteen Nations 27:54+ Apr-May '82

Engines

F100 engine update. illus TAC Attack 22:12-14 Jan '82

Resources allocation--the F-100 engine experience. Maj Philip J.Williams. tabs AF J Log 6:15-19 Spring '82

Landing and Takeoff

F-15 formation landings. Maj Charles I.Maas. TAC Attack 22:8-9 Feb '82

Performance

IDR (International Defense Review) flight-tests the Mirage 2000. Germain Chambost. illus Intl Def Rev 14, No.12:1617-1622 '81

Piloting

Blocking & tackling (skills essential to the F-15 pilot are Radar Employment and Basic Fighter Maneuvers (BFM)). Capt Paul Stucky. illus USAF Ftr Wpns Rev, pp 24-28, Winter '81

2 to 1 shadowing. Maj J.I.Grabeklis. tabs USAF Ftr Wpns Rev, pp 14-16+ Winter '81

A wild ride (F-4 mishap). Benjamin S.Lambeth. illus Flying Safety 38:12-16 Sep '82

Takeoff

See Airplanes, Fighter--Landing and Take-off

Testing

AFTI (Advanced Fighter Technology Integration)/F-16: Flying testbed for future avionics. illus Def Elect 14:88-91 Aug '82

AIRPLANES, FIGHTER - ContinuedAustralia

Why we chose the F/A-18. Pac Def Rep 8:220+
Dec '81/Jan '82

France

IDR (International Defense Review) flight-
tests the Mirage 2000. Germain Chambost.
illus Intl Def Rev 14, No.12:1617-1622 '81

Mirage F.1B: The first two-seat operational
trainer in the French Air Force. Germain
Chambost. illus Intl Def Rev 15, No.5:
569-572 '82

Great Britain

Carry on Jaguar--developments into the
eighties. Michael J. Gething. Reprinted from
Defense, Sep '81. illus Asian Def J No.7:
50-52+ Jul '82

Fly-by-wire Jaguar--paving the way for future
combat aircraft. Mark Hewish. illus Intl
Def Rev 15, No.6:781-784 '82

Flying the Tornado F.2 air defense variant.
Peter Gordon-Johnson. illus Intl Def Rev
14, No.12:1627-1632 '81

P.110 and STOVL: The RAF's next-generation
fighters? Derek Wood. Intl Def Rev 15,
No.8:1022 '82

Training on the Tornado--in squadron service
soon. Paul Maurice. illus Interavia 37:80-
81 Jan '82

UK air defence--a NATO necessity. AVM P.R.
Harding. Hawk, pp 15-26, Feb '82; NATO's
Fifteen Nations Special Issue No.1:54-55+
'82

N A T O

Future tactical combat aircraft in NATO. AVM
P.B.Hine. illus NATO's Fifteen Nations
27:48+ Apr-May '82

Soviet Union

Gallery of Soviet aerospace weapons: Attack
aircraft. illus AF Mag 65:101-102 Mar '82

Gallery of Soviet aerospace weapons: Fight-
ers. illus AF Mag 65:97-100 Mar '82

The Ram-L air superiority fighter--Soviet
counterpart to the F/18? Georg Panyalev.
illus tabs Intl Def Rev 14, No.12:1609-
1612 '81

Soviet air power: The ever-escalating threat.
(Excerpted from 1981 RAF Yearbook) illus
Pac Def Rep 8:199-204 Dec '81/Jan '82

The Soviet Navy's "Yak-36 Forger." illus tab
Asian Def J No.11:87-88 Nov '82

Sweden

Why Sweden wants its own fighter. Mark Lam-
bert. illus (Also cutaway) Interavia 37:
434-436 May '82

AIRPLANES, FIGHTER - ContinuedUnited States

Another decision time approaches for F/A-18
Hornet program. L. Edgar Prina. illus Sea
Power 25:14-16+ Sep '82

The fighters (aircraft mishap data). Maj
Bruce Cox and others. illus tabs Flying
Safety 38:8-17 Apr '82

Gallery of USAF weapons: Fighters. illus AF
Mag 65:154-156 May '82

Sabre Dart. Rod Beckett and others. illus
USAF Ftr Wpns Rev, pp 2-7, Winter '81

A smile on the face of the tiger. Gregory
Copley. illus Def & For Aff 10:6-8+ Nov
'82

2 to 1 shadowing. Maj J.I. Grabeklis. tabs
USAF Ftr Wpns Rev, pp 14-16+ Winter '81

U.S. Air Force R&D: Meeting the challenge.
illus Mil Tech 6:79-80+ Oct '82

History

Case history of XP-77 airplane project. illus
Am Avn Hist Soc J 26:311-313 Winter '81

Designing the P-47 Thunderbolt. George C.
Larson. illus AF Mag 65:132-134+ Sep '82

Fighters that never got to the fight. CAPT
Jerry O'Rourke, Ret. illus US Nav Inst Proc
pt 1, 107:71-75 Apr '81; pt 2, 108:75-79
Apr '82

Final report of the XP-77 airplane. Capt
George D. Colchagoff. illus tabs Am Avn
Hist Soc J 26:314-327 Winter '81

AIRPLANES, GUNSHIP see GunshipsAIRPLANES, JET-PROPELLEDFuels

Water-finding paste for determining water
contamination in jet fuel. TIG Brief 34:7
Jul 23 '82

AIRPLANES, LIGHT

See also
Airplanes in Business

United StatesHistory

The last Brown-built airplane was NOT a
speedster: A personal account. George E.
Gull. illus Am Avn Hist Soc J 27:218-222
Fall '82

AIRPLANES, MILITARY

See also specific categories of military airplanes, e.g.,
 Airplanes, Bomber Airplanes, Trainer
 Airplanes, Fighter Gunships
 Airplanes, Reconnaissance
 also entries on military planes by model designation under the specific type, e.g.,
 Airplane Type--A-7

AEW (Airborne Early Warning) aircraft: A growing trend. Bonner Day. illus NATO's Fifteen Nations 26:62-63 Dec '81-Jan '82

The armchair aviator. Regular feature in issues of Air Force Times

Jane's aerospace survey. John W.R. Taylor. illus AF Mag 65:40-47 Jan '82

Western air power in transition. Roy Braybrook. illus Def & For Aff 9:19-21 Oct '81

Accidents
 See Accidents, Air; Accidents, Ground (Aircraft)

Armament

Are you violating Air Force policy? TIG Brief 34:4 Dec 20 '82

Automatic weapons for aircraft. Roy Braybrook. illus Pac Def Rep 9:58-60 Aug '82

GAU-8A: High versus low rate. Cpts Sam Walker and Ed Houle. illus USAF Ftr Wpns Rev No.4:2-5 Spring '82

New weapon technology and sortie-effectiveness: Another way to calculate combat power. LtCol Heinrich J. Schepke. illus tabs Jt Persp 2:3-13 Spring '82

Brakes

Blown tire season. LtCol Horst A. Gaede. illus Flying Safety 38:16-17 Feb '82

Canopies

Getting rid of the lid. MSgt William T. Smith. TAC Attack 22:4-5 Sep '82

Phantom canopy snakebite. Capt J.L. Nelson. illus TAC Attack 22:12-14 May '82

Characteristics

Alpha jet flight report. Rudolf Wicki. illus Armada Intl 6:14+ Jul-Aug '82

A detailed history of the U-21. LT James R. Dobson. illus tabs USA Avn Dig 28:14-19 Jun '82

Enforcer out of Mustang came; But the Merlin's roar gives way to turbine's whine. Jacquelyn S. Porth. illus Def & For Aff 9:6-9+ Oct '81

Gallery of USAF weapons: Attack and observation aircraft. illus AF Mag 65:156-157 May '82

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

AIRPLANES, MILITARY - ContinuedCockpits

AFTI (Advanced Fighter Technology Integration)/F-16: Flying testbed for future avionics. illus Def Elect 14:88-91 Aug '82

Lessons learned: Aircraft cockpit component accessibility. TIG Brief 34:10 Feb 5 '82

Control
 See Flight Control Systems

Cost of Operation

DOD denies GAO access to cost documents on B-1. Paul Smith. AF Times 42:3 May 10 '82

De-icing
 See Airplanes, Military--Ice Prevention

Design

Lessons learned: Aircraft cockpit component accessibility. TIG Brief 34:10 Feb 5 '82

Lessons learned: B-1B application. TIG Brief 34:5-6 Nov 29 '82

The search for aircraft manoeuvrability. Hans M. Franke. tabs illus Mil Tech 6:137-138+ Oct '82

Electrical Systems

This is what could happen if you . . . switch write-ups. 1stLt Ted H. Minkinow. illus MAC Flyer 29:10-12 Nov '82

Electronic Equipment
 See Electronic Equipment (Aircraft)

Emergency Procedures

The decision is yours. Capt John P. Priecke. Combat Crew 33:6-7 Nov '82

F-16 engine stalls: The wrong way and the right way. TAC Attack 22:8-10 May '82

Ghost in the cockpit. Capt Gregory B. Colvin. illus MAC Flyer 29:3-6 Sep '82

This story was a real . . . napalm nightmare. Maj Rollin C. Broughton, Jr. MAC Flyer 29:12-15 Aug '82

Statistics

1981 ejection results in USAF. Rudolph C. Delgado. illus tabs Flying Safety 38:17-18 Apr '82

Engines

See also
 Gas Turbines (Aircraft)
 Jet Engines

Commanders: The FOD (Foreign Object Damage) prevention program needs your MDRs (Material Deficiency Report). TIG Brief 34:20 Nov 15 '82

AIRPLANES, MILITARY - ContinuedEngines - Cont'd

Engines for future combat aircraft: What's needed and what's achievable. Pierre Condom. illus Interavia 37:1050-1052 Oct '82

Full-authority digital engine control: British developments for aircraft applications. Mark Hewish. illus Intl Def Rev 15, No.8:1037-1040+ '82

The importance of D024 engine status reporting. TIG Brief 34:10 May 28 '82

On fusion confusion. Capt Clifford M. Wippel. illus Combat Crew 32:4-5+ Jun '82

Equipment

The limits of man--automating the next generation of combat aircraft. Dennis Culkin. illus Def & For Aff 10:36-39+ Aug '82

Simple vs sophisticated TacAir avionics. Jim Bussert. illus tabs Mil Elect/Countermeasures pt 1, 8:77-82 Feb '82; pt 2, 8:56-62 Mar '82

Fires and Fire Prevention

. . . the aircraft has crashed and is burning. SMSgt Donald W. Warner. illus Flying Safety 38:4-8 Feb '82

High stakes and bad odds (the fire warning light). illus TAC Attack 22:12-13 Apr '82

This story was a real . . . napalm nightmare. Maj Rollin C. Broughton, Jr. MAC Flyer 29:12-15 Aug '82

War & peace--a firefighter's perspective. SMSgt Donald W. Warner. illus AF Engrg & Svcs Qtr 23:33-35 Spring '82

Fuel Systems

Air Force fuel savings. 2dLt Walter N. Thorp. illus Natl Def 67:41-42+ Dec '82

(KC)-135 onboard computer. Fuel savings and take off data, tool tabs illus Combat Crew 32:18-21 Oct '82

Fuels

Aircraft fuel jettisoning. Capt Harvey J. Clewell III. tabs illus Mil Engr 74:289-291 Jul-Aug '82

Conductivity additive in turbine fuels. TIG Brief 34:19 Feb 5 '82

Fuel-efficient X-29A due first flight in late '83. Leonard Famiglietti. illus AF Times 42:23 Jan 18 '82

Hydrazine revisited. illus TAC Attack 22:24-25 Apr '82

Jet fuel identaplates. TIG Brief 34:13 Oct 25 '82

KC-135 fuel conservation--revisited. Capt J.H. Seader. tabs illus Combat Crew 32:26-27 Jan '82

AIRPLANES, MILITARY - ContinuedGround-Support Equipment

The air-land battle--Soviet style. LtCol William P. Baxter, Ret. illus Army pt 1, 31:29-31 Dec '81; pt 2, Soviet air tactics: Get 'em on the ground. 32:34-36 Jan '82

Hydraulic Systems

F-4 single engine recoveries with utility hydraulic failure. Maj Gary L. Studdard. illus Flying Safety 38:2-4 May '82

Hydraulic fluid conversion. TIG Brief 34:15-16 Jan 8 '82

Lessons learned/maintainability of hydraulic lines. TIG Brief 34:6 Jan 8 '82

Ice Prevention

Guide to the elimination of ice, snow or frost from parked aircraft. illus Flying Safety 38: back cover Oct '82

Icing guidelines for pilots. Charles R. Tennstedt. illus Flying Safety 38:18-19 Nov '82

Insignia

Triangle-K returns. Capt Barry A. McQueen. illus Aerosp Hist 29:269-273 Dec '82

Inspection

Releasing official's responsibility. TIG Brief 34:6 Dec 20 '82

T-38 aircraft wing NonDestructive Inspection (NDI): No place for complacency. TIG Brief 34:8 Feb 5 '82

Instruments

See Aeronautical Instruments

Landing and TakeoffSee also

Automatic Landing Systems
Hydroplaning
Microwave Landing Systems

C-5 off-runway tests. LtCol William Johnson. illus Airlift 4:5-7 Summer '82

Circling approach. Mike Brunelle. illus tab Flying Safety 38:14-15 Jan '82

The computer aims to please. Maj Bill Powley. TAC Attack 22:4-5 Jun '82

(Computing takeoff data)--is it really magic? Capt Carl H. Berdahl. Combat Crew 32:16-17+ Feb '82

The DNS (Doppler Navigation Systems) monitored localizer approach. Capt Dale A. Smith. illus Navigator 29:28-29 Winter '82

Fresnel lens optical landing system. LT Angelo J. Spadaro. illus MAC Flyer 29:6-7 Apr '82

A little short (landing). Maj John E. Richardson. illus Flying Safety 38:2-3 Feb '82

A precision glidepath was never meant for . . . ducking under. illus MAC Flyer 29:10-12 Jul '82

AIRPLANES, MILITARY - ContinuedLanding Gear

Only a Lieutenant. MSgt Art Barnes. illus
Airman 26:18-21 Jul '82

Proximity switches: Close enough for govern-
ment work. illus MAC Flyer 29:14 Mar '82

Lighting

Looking at night air refueling under a dif-
ferent light. TSGT Edward F. Mazzini. illus
Combat Crew 32:8-9 Jun '82; Flying Safety
38:10-12 Aug '82

Maintenance and Repair

See Aircraft Maintenance and subdivision
Maintenance and Repair under specific Air-
plane Types

Manufacture

See Aircraft Industry and Trade

Markings

See Airplanes, Military--Insignia

Materials

Distribution of 'have name' protection guide
(CORKER). TIG Brief 34:17 Jan 8 '82

Modifications

Re-shaping the Royal Air Force. Derek Wood.
illus map Intl Def Rev 15, No.3:311-316
'82

Why the C-141 stretch program succeeded.
C. Phillip Settlemyer. illus Airlift 4:
21-24 Summer '82

Mothballing

See Airplanes, Military--Storage

Parking

Parking aircraft loaded with forward firing
munitions. TIG Brief 34:19 May 14 '82

Tie-down sense. Ira J. Rimson. illus Flying
Safety 38:18-19 Aug '82

Performance

The search for aircraft manoeuvrability. Hans
M. Franke. tabs illus Mil Tech 6:137-138+
Oct '82

Simple vs sophisticated TacAir avionics. Jim
Bussert. illus tabs Mil Elect/Counter-
measures pt 1, 8:77-82 Feb '82; pt 2,
8:56-62 Mar '82

Piloting

Air discipline. MajGen Harry Falls, Jr. TIG
Brief 34:3-4 May 28 '82

Bright Star '82. Capts Craig Cioletti and
Lee Smith. illus USAF Ftr Wpns Rev, pp 2-4,
Summer '82

British developments in wide-angle head-up
displays. Mark Hewish. illus Intl Def Rev
15, No.8:1033-1036 '82

AIRPLANES, MILITARY - ContinuedPiloting - Cont'd

F-16 engine stalls: The wrong way and the
right way. TAC Attack 22:8-10 May '82

Flying Hurricanes, Mustangs, and Spitfires.
F. Nigel Smallpage. illus Aerosp Hist 29:
162-170 Sep '82

Flying in clouds. LtCol G. Baldenkov. Soviet
Mil Rev No.11:21-22 Nov '82

For eagle drivers only, but others should
read it, too. Capt Paul Q. G. Woodford. illus
Flying Safety 38:14-16 Nov '82

Icing guidelines for pilots. Charles R.
Tennstedt. illus Flying Safety 38:18-19
Nov '82

Is the guy in your mirror an enemy? Maj Ter-
rell J. Osborn. illus Flying Safety 38:8-13
Jul '82

Just before the radar failed the nav's scope
was full of . . . many "heavy" returns.
Capt Byron L. Howard. MAC Flyer 29:3-5 Apr
'82

KC-135 go-arounds: Pitch and power prior-
ties. Capt Ron Sams. tab Combat Crew 32:
18-19 Sep '82

Losing control. Maj John E. Richardson. illus
Flying Safety 38:9-13 Dec '82

The proud fighter pilot. illus Flying Safety
38:4-5 Sep '82

Situation awareness: Bah! Humbug! Maj Jim
Mackin. TAC Attack 22:4-5 Aug '82

Transitioning (process of learning the skills
and procedures for becoming proficient in
a new task). Anchar F. Zeller. Flying
Safety 38:16-20 Oct '82

Vigilance and distraction. Maj Gary M. Goebel.
tab TAC Attack 22:18-20 Aug '82

Where's the foreign clearance guide? CW4
Thomas A. Story. USA Avn Dig 28:42-44
Oct '82

You're not just a pilot, you're an aircraft
commander. Capt David F. Todd. illus MAC
Flyer 29:18-20 May '82

Study and Teaching

War stories. LtCol James H. Wood. TAC Attack
22:4-5 Dec '82

Power Plants

See also
Airplanes, Military--Engines

Refueling

See also
In-Flight Refueling

AIRPLANES, MILITARY - ContinuedReliability

Next generation trainer. Frank Weatherly.
Flying Safety 38:16-17 Mar '82

Saving the B-52: Operation Power Flite. Capt
Bud Baker and Dennis Casey. illus Combat
Crew 32:4-6 Jan '82

Safety Measures

See also
Flying Safety

Development of the U.S. Army Corps shoulder
harness. MajGen Harry G. Armstrong, Ret.
MAC Flyer 29:7 Nov '82

Ground handling of explosives-loaded air-
craft. TIG Brief 34:7 Feb 5 '82

High stakes and bad odds (the fire warning
light). illus TAC Attack 22:12-13 Apr '82

Nuclear safety certification of combat
delivery vehicles. TIG Brief 34:21
Oct 11 '82

Parking aircraft loaded with forward firing
munitions. TIG Brief 34:19 May 14 '82

Winter weather review. MAC Flyer 29:14-15
Nov '82

Storage

An Air Force just waiting. TSgt Lorenzo D.
Harris. illus Airman 26:2-7 Jul '82

Shifts proposed for basing planes. Leonard
Famiglietti. AF Times 42:1+ Feb 22 '82

Takeoff

See Airplanes, Military--Landing and
Takeoff

Testing

F-5G Tigershark: In for a testing time.
Charles Gilson. tab illus Intl Def Rev 15,
No.9:1281-1284 '82

USAAEFA (U.S. Army Aviation Engineering
Flight Activity) tests help ensure readi-
ness. Betty J. Goodson. illus USA Avn Dig
28:38-41 Oct '82

Tires

Blown tire season. LtCol Horst A. Gaede. illus
Flying Safety 38:16-17 Feb '82

Tire pressure loss. John McLaughlin. TAC
Attack 22:8-9 Oct '82

Wings

New C-5 wing "seeped" so much fuel it had to
be reworked, but AF says fix works. Ben-
jamin F. Schemmer. tab Armed Forces J Intl
119:16-17+ Jan '82

New wings for old birds: Rewinging the Herk.
Capt Gale E. Clouse, Jr. illus MAC Flyer
29:4-6 Nov '82

AIRPLANES, MILITARY - ContinuedWings - Cont'd

T-38 aircraft wing NonDestructive Inspection
(NDI): No place for complacency. TIG Brief
34:8 Feb 5 '82

"The wing crack story." Capt Michael H. Mc-
Quinn. illus Combat Crew 32:12-13+ Mar '82

Wing surface roughness: Cause & effect.
Ralph E. Brumby. illus tab Flying Safety
38:14-17 Dec '82

Australia

The AV-8B could meet long-term RAN needs.
Roy Braybrook. illus Pac Def Rep 8:14-16
Apr '82

Air arm of the Royal Australian Navy. illus
Asian Def J No.2:88-89 Feb '82

The Australian armed forces--No.3: Busy times
ahead for the RAAF. Pac Def Rep 8:213+
Dec '81/Jan '82

Trainer competitors for the RAAF. Roy Bray-
brook. illus Pac Def Rep 8:59-61 May '82

Brazil

EMB-111 for maritime patrol. illus tabs
Asian Def J No.2:65-67 Feb '82

Chile

Pillán--first flexings of new national
muscles (Chile's Air Force training air-
craft). David Harvey. illus Def & For Aff
10:16-18+ Aug '82

Egypt

Egyptian Air Force: Ready when needed.
F. Clifton Berry, Jr. illus tab AF Mag 65:
49-55 Jan '82

New-generation Alpha Jet--greater capability
in navigation and attack. Germain Chambost.
illus tab Intl Def Rev 15, No.8:1049-1052
'82

Europe, Western

The tactical value of the Tornado. LtCol Hans
Felde. NATO's Fifteen Nations Special
Issue No.2:90+ '81

France

The Alpha Jet NGEA ground attack fighter.
illus Asian Def J No.9:98-100+ Sep '82

Great Britain

Anticipating the needs of the service--a
view from industry. R.D. Boot. Hawk, pp 29-
35, Feb '82

The Falklands? I thought they won that
one . . . LtCol E. Terry Matke. illus
Armed Forces J Intl 120:96+ Nov '82

Harrier and Sea Harrier operations in the
Falklands Crisis. Richard A. Ewin. illus
tabs Asian Def J No.10:79+ Oct '82

AIRPLANES, MILITARY - ContinuedGreat Britain - Cont'd

Re-shaping the Royal Air Force. Derek Wood.
illus map Intl Def Rev 15, No.3:311-316
'82

Vulcan farewell. illus Combat Crew 32:4-6
Aug '82

N A T O

The central region air battle. Gen Charles
A.Gabriel. illus por NATO's Fifteen
Nations Special Issue No.2:26-29+ '81

Soviet Union

Frontal aviation: Committed to air superior-
ity. LtCol Kerry L.Hines. illus tab AF Mag
65:92-94 Mar '82

How the defense budget battle is heating up.
Edgar Ulsamer. AF Mag 65:54-60 May '82

Soviet air power: The ever-escalating threat.
(Excerpted from 1981 RAF Yearbook) illus
Pac Def Rep 8:199-204 Dec '81/Jan '82

The Soviet naval air force--the threat to
NATO sea lines of communication. Maj J.F.
Bennett. The Sir Robert Brooke-Popham
Prize Essay. Hawk, pp 37-44, Feb '82

The Soviet Navy's "Yak-36 Forger." illus tab
Asian Def J No.11:87-88 Nov '82

Statistics

Does Soviet air power endanger world peace?
Eric Rajah. illus tabs Def Elect 14:97+
Jan '82

Sweden

JAS gets the green light. Charles Gilson.
illus Intl Def Rev 15, No.7:923-924 '82

Switzerland

Switzerland is modernising: A discussion of
Swiss defence plans. illus (Also cutaway)
Mil Tech 6:46+ Feb '82

ThailandHistory

A short history of the Royal Thai Air Force.
William M.Leary. illus Aerosp Hist 29:93-
97 Jun '82

United States

Air munitions: The missing link? Norman R.
Augustine. illus tabs Mil Elect/Counter-
measures 8:33+ Apr '82

Another decision time approaches for F/A-18
Hornet program. L.Edgar Prina. illus Sea
Power 25:14-16+ Sep '82

Controversy over USAF airlift transports.
Keith Genes. illus Asian Def J No.8:90-91
Aug '82

AIRPLANES, MILITARY - ContinuedUnited States - Cont'd

FY '83: A banner year for naval aviation?
L.Edgar Prina. illus Sea Power 25:21-26
Feb '82

Fiber-optic technology takes to the air.
Theodore J.Urbanik. illus Mil Elect/
Countermeasures 8:32+ Oct '82

Gallery of USAF weapons: Attack and observa-
tion aircraft. illus AF Mag 65:156-157
May '82

How the defense budget battle is heating up.
Edgar Ulsamer. AF Mag 65:54-60 May '82

Two promising approaches to naval V/STOL.
Stefan Geisenheyner. illus Asian Def J
No.3:72-74+ Mar '82

History

Remembering the C-109. Eugene J.Millikin. map
illus Am Avn Hist Soc J 26:272-278 Winter
'81

AIRPLANES, MILITARY TRANSPORTCharacteristics

The Fokker F27 Mk 400-M in South East Asia.
illus Asian Def J No.9:90+ Sep '82

Gallery of Soviet aerospace weapons: Trans-
ports. illus AF Mag 65:103-104 Mar '82

Gallery of USAF weapons: Transports and
tankers. illus AF Mag 65:159-161 May '82

Piloting

Ghost in the cockpit. Capt Gregory B.Colvin.
illus MAC Flyer 29:3-6 Sep '82

This story was a real . . . napalm nightmare.
Maj Rollin C.Broughton, Jr. MAC Flyer 29:
12-15 Aug '82

Soviet Union

Gallery of Soviet aerospace weapons: Trans-
ports. illus AF Mag 65:103-104 Mar '82

United States

Advanced civil military aircraft ACMA: Air-
lift for the future. LtCol Ronald L.Bald-
win and Maj James E.Mrazek. illus MAC
Flyer 29:4-6 Jan '82

The airlift enigma and a plan for the future.
Vincent C.Hughes. illus Armed Forces J Intl
120:25-26+ Oct '82

Airlift: Finding the plane to fit the mis-
sion. Everett A.Chambers. illus tabs Armed
Forces J Intl 120:40-41+ Nov '82

Budget cutters are only ones likely to win
battle over C-5B/747F/C-17 airlift alterna-
tives. Benjamin F.Schemmer. tab illus Armed
Forces J Intl 119:38-40+ Jul '82

AIRPLANES, MILITARY TRANSPORT - ContinuedUnited States - Cont'd

CRAF: Cooperative self-interests could benefit all. William K. Stackhouse. illus Mil Sci & Tech 2:54-55 '82

The compelling requirement for combat airlift. Col Alan L. Gropman. illus AU Rev 33: 2-15 Jul-Aug '82

Controversy over USAF airlift transports. Keith Genes. illus Asian Def J No. 8:90-91 Aug '82

GAO wants 'open competition' for CX. AF Times 42:12 Jan 25 '82

Gallery of USAF weapons: Transports and tankers. illus AF Mag 65:159-161 May '82

A uniform national air-cargo system--do we need it? Paul D. Tuck. illus tabs AU Rev 33:58-67 Jul-Aug '82

Why the C-141 stretch program succeeded. C. Phillip Settlemeyer. illus Airlift 4: 21-24 Summer '82

History

A detailed history of the U-21. LT James R. Dobson. illus tabs USA Avn Dig 28:14-19 Jun '82

Statistics

The heavies (aircraft mishap data). Maj John J. Colsch. illus tabs Flying Safety 38:19-29 Apr '82

AIRPLANES, RECONNAISSANCECharacteristics

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 65:102-103 Mar '82

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 65: 158-159 May '82

Brazil

EMB-111 for maritime patrol. illus tabs Asian Def J No. 2:65-67 Feb '82

Soviet Union

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 65:102-103 Mar '82

United States

The Crusader: Farewell to the fleet. LCDR Peter B. Mersky. illus US Nav Inst Proc 108: 56-61 Jun '82

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 65: 158-159 May '82

AIRPLANES, TANKER

Aerial refueling--a growing need. Konrad Alder. illus Armada Intl 6:90+ Mar-Apr '82

United States

Gallery of USAF weapons: Transports and tankers. illus AF Mag 65:159-161 May '82

The KC-97L: Evolution of the Air Guard's six-engine tanker. LtCol James L. Delaney, Ret. illus Aerosp Hist 29:265-268 Dec '82

AIRPLANES, TRAINER

The serious trainer (aircraft). Dennis Cullin. illus Def & For Aff 10:20-24 Jul '82

Trainers for the airline pilot. Marc Grangier. illus Interavia 37:1273 Dec '82

Characteristics

Flying the Folland Gnat advanced jet trainer. WgComdr Roy W. Gamblin. illus Aerosp Hist 29:239-245 Dec '82

Gallery of Soviet aerospace weapons: Trainers. illus AF Mag 65:104-105 Mar '82

Gallery of USAF weapons: Trainers. illus AF Mag 65:162 May '82

The next generation trainer: Which manufacturer's aircraft will merit the billion-plus Air Force contract? illus Mil Elect/Countermeasures 8:38+ May '82

She stoops to conquer (the British Hawk, the U.S. Navy's new trainer). David Harvey. illus Def & For Aff 10:20-25 Nov '82

History

The T-6: Ready when needed. Jeffrey L. Ethell. illus AF Mag 65:72-75 Apr '82

Australia

The new RAAF basic trainer. illus tabs Pac Def Rep 9:14+ Sep '82

Trainer competitors for the RAAF. Roy Braybrook. illus Pac Def Rep 8:59-61 May '82

Chile

Pillán--first flexings of new national muscles (Chile's Air Force training aircraft). David Harvey. illus Def & For Aff 10:16-18+ Aug '82

France

Epsilon: The basic trainer with military ways. Germain Chambost. illus Interavia 37: 700-702 Jul '82

Mirage F.1B: The first two-seat operational trainer in the French Air Force. Germain Chambost. illus Intl Def Rev 15, No. 5: 569-572 '82

AIRPLANES, TRAINER - ContinuedGreat Britain

Flying the Folland Gnat advanced jet trainer. WgComdr Roy W. Gamblin. illus Aerosp Hist 29:239-245 Dec '82

She stoops to conquer (the British Hawk, the U.S. Navy's new trainer). David Harvey. illus Def & For Aff 10:20-25 Nov '82

Italy

The Caproni C22J basic trainer. Roy Braybrook. illus Pac Def Rep 8:31-33+ Mar '82

Malaysia

The case for the Hawk. Roy Braybrook. illus Asian Def J No.4:48-50+ '82

Soviet Union

Gallery of Soviet aerospace weapons: Trainers. illus AF Mag 65:104-105 Mar '82

United States

Gallery of USAF weapons: Trainers. illus AF Mag 65:162 May '82

The migration of the Hawk. John F. Webb. illus Asian Def J No.2:73 Feb '82

Next generation trainer. Frank Weatherly. Flying Safety 38:16-17 Mar '82

The next generation trainer: Which manufacturer's aircraft will merit the billion-plus Air Force contract? illus Mil Elect/Countermeasures 8:38+ May '82

She stoops to conquer (the British Hawk, the U.S. Navy's new trainer). David Harvey. illus Def & For Aff 10:20-25 Nov '82

Small jets eyed in training role. Leonard Famiglietti. AF Times 42:7 Mar 15 '82

AIRPLANES, TRANSPORTCharacteristics

Boeing's high-capacity jumbo. Bron Rek. tab illus Interavia 37:323-324 Apr '82

Technology advancement in air cargo. J.T. Hinely, Jr. illus Def Trans J 38:39-45 Dec '82

Design

Airbus certificates the forward-facing cockpit. Mark Lambert. illus Interavia 37:40-42 Jan '82

Technology advancement in air cargo. J.T. Hinely, Jr. illus Def Trans J 38:39-45 Dec '82

France

Airbus Industrie--the year of progress. Klaus Regelin. illus tabs Interavia 37:35-39 Jan '82

AIRPLANES, TRANSPORT - ContinuedUnited States

Boeing's high-capacity jumbo. Bron Rek. tab illus Interavia 37:323-324 Apr '82

The coming of jet transportation. Peter W. Brooks. illus tabs Aerosp Hist 28:218-229 Dec '81

DOD tentatively turns down new C-17. AF Times 42:6 Feb 1 '82

AIRPLANES, V/STOL

AV-8B/Harrier GR.5--range, payload and VSTOL. Mark Lambert. illus (Also cutaway) Interavia No.3:224-227 Mar '82

Combat VSTOL--still not the cure-all. Mark Lambert. illus Interavia No.3:223 Mar '82

The Falklands? I thought they won that one . . . LtCol E. Terry Matthe. illus Armed Forces J Intl 120:96+ Nov '82

STOL development stimulated. Brian Walters. illus Asian Def J No.12:33 Dec '82

V/STOL: Neither myth nor promise--but fact. WgComdr John D.L. Feesey. illus AU Rev 33:80-82 Sep-Oct '82

V/STOLS: A myth or a promise. Col William D. Siuru, Jr. illus AU Rev 33:70-83 Mar-Apr '82

Characteristics

Airfield survivability and VSTOL. AVM Patrick Hine. illus NATO's Fifteen Nations Special Issue No.1:59-60+ '82

The Harrier V/STOL AV-8B. Lon Nordeen. tab illus NATO's Fifteen Nations Special Issue No.2:116+ '82

Sea Harrier fully operational. Roy Braybrook. illus Intl Def Rev 15, No.1:47-51 '82

Two promising approaches to naval V/STOL. Stefan Geisenheyner. illus Asian Def J No.3:72-74+ Mar '82

Combat Evaluation

Airfield survivability and VSTOL. AVM Patrick Hine. illus NATO's Fifteen Nations Special Issue No.1:59-60+ '82

Design

Project AX--a STOL attack fighter aircraft. Brian Walters. illus Asian Def J No.7:47+ Jul '82

Two promising approaches to naval V/STOL. Stefan Geisenheyner. illus Asian Def J No.3:72-74+ Mar '82

Engines

Rolls-Royce looks forward from Pegasus. Paul Maurice. illus Interavia 37:610-611 Jun '82

AIRPLANES, V/STOL - ContinuedEngines - Cont'd

V/STOL propulsion: Past, present, and future.
W.J.Lewis. illus tab AF Mag 65:76-79
Jan '82

History

The Harrier: V/STOL vindicated. illus AU
Rev 33:71-79 Sep-Oct '82

Great Britain

The Harrier: V/STOL vindicated. illus AU
Rev 33:71-79 Sep-Oct '82

Sea Harrier fully operational. Roy Braybrook.
illus Intl Def Rev 15, No.1:47-51 '82

Ushering in the missile age. illus Pac Def
Rep 8:35-37 Jun '82

Soviet Union

The Soviet Navy's "Yak-36 Forger." illus tab
Asian Def J No.11:87-88 Nov '82

Yak-36 Forger: The Brand X VTOL fighter.
Georges Lafon. illus tabs Interavia No.3:
228-230 Mar '82

United States

The AV-8B light attack aircraft. K.Mehta.
illus tab Asian Def J No.12:84-86+ Dec '82

Advanced aircraft for the future Corps. CAPT
Charles H.Brown, Ret. illus tabs maps
MarCor Gaz 66:40-46 May '82

The BB(V) (Battleship, V/STOL landing sup-
port). Joseph C.Antoniotti. illus US Nav
Inst Proc 108:99-100 Feb '82

The concept flew, but will the JVX? Deborah
M.Kyle. illus Armed Forces J Intl 120:20+
Sep '82

JVX (Joint-Services Advanced Vertical Lift
Aircraft Development Program): Pentagon
alchemists would change paper to hardware.
L.Kim Smith. Govt Exec 14:11-12+ Oct '82

OSD directs development of joint Service ad-
vanced technology rotorcraft. Deborah M.
Kyle. illus Armed Forces J Intl 119:20
Feb '82

AIRPLANES IN BUSINESSHistory

Aircraft operations in Indonesia by the Royal
Dutch/Shell Companies 1934-1963. H.C.
Kavelaars and Matthew E.Rodina, Jr. illus
maps tabs Am Avn Hist Soc J 27:185-209
Fall '82

AIRPLANES IN PATROL WORK

EMB-111 for maritime patrol. illus tabs
Asian Def J No.2:65-67 Feb '82

Maritime surveillance aircraft--a growth
market. Robert Salvy. illus Armada Intl 6:
58-60+ Jan-Feb '82

AIRPORTS

Deja vu. (Surveys of landing conditions at
unfamiliar airports) Regular feature in
some issues of MAC Flyer

Singapore

Changi (Singapore) International--an airport
for the 1980s. H.P.Mama and Rodger Goodson.
illus Interavia 37:100-101 Jan '82

United StatesHistory

An alfalfa field, with lights, will do (air-
field development). Horace A.Waggoner. illus
Aerosp Hist 29:13-21 Mar '82

AIRSHIPSSee also

Balloons

Are airships in again? Marc Grangier. illus
Interavia 37:1216 Nov '82

Is there a maritime role for the airship?
Eugene M.Kolesnik. tab illus map RUSI J for
Def Studies 127:37-45 Mar '82

History

NAS Lakehurst 1921-1941: A photographic his-
tory. William F.Althoff. illus Am Avn Hist
Soc J 27:2-14 Spring '82

AIRSICKNESS see Motion Sickness

AIRSPACE

ASRS (Aviation Safety Reporting System) Alert
Bulletin. Flying Safety 38:3 Mar '82

Airspace use and the jet age. Bernhard W.
Heinz. illus map Interavia 37:506-507
May '82

The National Airspace System plan: Blueprint
for the future. Siegbert Poritzky. tab
Signal 36:148+ May-Jun '82

Restricted area intrusion. 1stLt Dale T.
Pierce. illus Flying Safety 38:10-12 Oct '82

Study and Teaching

Details of the new USAF airspace management
course. TIG Brief 34:4 Mar 5 '82

New USAF airspace management course. MajGen
Richard A.Burpee. TIG Brief 34:3 Mar 5 '82

AIRSPEED see Air-Speed

ALASKA

Arctic airborne mortars. SSgt John E. Foley. Infantry 72:15-16 Sep-Oct '82

Subsidized ocean carriage to Alaska: A non-subsidized perspective of Senate Bill 1682 Everett W. Trout. Def Trans J 38:84-85 Feb '82

ALASKAN AIR COMMAND

Alaskan Air Command. illus chart por AF Mag 65:92-93 May '82

ALBERT F. SIMPSON HISTORICAL RESEARCH CENTER

Albert F. Simpson Historical Research Center. AF Mag 65:144 May '82

ALCOHOL AND ALCOHOLISM

Battling substance abuse. Col John J. Tolnay. illus MarCor Gaz 66:43-46 Aug '82

CHAMPUS revises rules on alcoholics, mentally ill. AF Times 43:4 Oct 4 '82

Controlling drug use: Guidelines for the commander. LtCol Larry H. Ingraham. illus Mil Rev 62:41-46 Feb '82

DOD shapes alcohol abuse plan. Paul Smith. AF Times 42:4 Apr 12 '82

Deterrents to voluntary referral to the Army's Alcohol and Drug Abuse Prevention and Control Program (ADAPCP). John P. Allen and Michael G. Sheahan. tabs J Pol & Mil Sociol 10:29-39 Spring '82

Drug & alcohol abuse: Progress, but no easy solutions. John H. Johns. Defense/82, pp 14-20, Aug '82

Drug survey to tap civilians, military. AF Times 42:17 May 24 '82

Get help or get out. SSgt Victoria Mouze. illus Soldiers 37:22-25 Jun '82

Increasing costs of Driving Under the Influence (DUI). TIG Brief 34:19 Jul 23 '82

Intensification of efforts to prevent intoxicated driving. MajGen Harry Falls, Jr. TIG Brief 34:1-2 Aug 27 '82; 34:1-2 Dec 20 '82

Liver pathology in aircrew. K.E. Underwood Ground. tabs Aviation, Space & Envt Med 53:14-18 Jan '82

Market analysis: Turbulent year for brewers. Terry Callahan. Interservice 2:80+ Summer '82

Marketing liquor: Major firms fight type-casting. Robert Crooke. Interservice 2:62+ Spring '82

Report on the (MajGen John H.) Russell conference (May 11-14, 1982, Quantico, VA). MarCor Gaz 66:47 Aug '82

Stiffer DWI measures ordered. Paul Smith. AF Times 43:1+ Dec 13 '82

ALERT SYSTEMS

See also
Warning Systems

ALEXANDER THE GREAT

Alexander the Great--master logistician. Donald Engels. Excerpted from Alexander the Great and the Logistics of the Macedonian Army. map illus Army Log 14:26-28 Nov-Dec '82

ALIENS

See also
Foreign Nationals in the Armed Forces

Legal complications arising from alien birth or nationality. LtCol David P. Buck. AF Law Rev 22:168-187 '80/'81

ALL-TERRAIN VEHICLES

Chico--a new solution to cross country transport. Brian Walters. illus Asian Def J No.1:77 Jan '82

Ground mobility in perspective. LtCol Burton S. Boudinot, Ret. illus Armor 91:38-40 Jan-Feb '82

The logistical lynchpin. Jacquelyn S. Porth. illus Def & For Aff 9, No.14:20-22+ '81

ALLEN, James R.

"The best 101st Air Mobile Division in the world isn't going to deter a soul if it can't fight outside the confines of Ft Campbell, KY." LuAnne K. Levens and Benjamin F. Schemmer. Interview. illus por Armed Forces J Intl 119:50+ Jul '82

Commander in Chief, Military Airlift Command (CINCMAC). Interview. Gen James R. Allen. illus por Airlift Ops Rev 4:1-7 Jan-Mar '82

Military Airlift Command. tab illus charts por AF Mag 65:96-98 May '82

Military Airlift Command. Gen James R. Allen. illus tabs por Def Trans J 38:26-30 Feb '82

104th (NGAUS) General Conference: What they said. illus Natl Guard 36:22-29 Dec '82

ALLEN, Lew, Jr

Air Force--the priority turns to strategic forces. Gen Lew Allen, Jr. illus Defense/82, pp 24-31, Apr '82

Air Force ups readiness accounts to fund Reagan's strategic initiatives. Deborah M. Kyle. por tab Armed Forces J Intl 119:52+ Mar '82

(Charles A.) Gabriel for (Lew) Allen as chief: Differing styles converge. Bruce Callander. illus AF Times 42:7 Jul 19 '82

Public affairs guidance for handling confirmed cases of fraud, waste, and abuse. Gen Lew Allen, Jr. TIG Brief 34:1-2 Mar 5 '82

Time to strengthen our defenses. Gen Lew Allen, Jr. illus por AF Mag 65:78-81 May '82

Why an Air Force? F. Clifton Berry, Jr. Interview. illus por AF Mag 65:42-46 Jul '82

ALLIANCES see Treaties and Alliances

ALLIED AIR FORCES, CENTRAL EUROPE see Allied Forces, Central Europe

ALLIED AIR FORCES, SOUTHERN EUROPE see Allied Forces, Southern Europe

ALLIED COMMAND ATLANTIC

Organization

Allied Command Atlantic. AF Mag 65:84 Dec '82

ALLIED COMMAND CHANNEL

The Belgian Navy and mine countermeasures in the channel. VAdm Andre Schlamm. illus NATO's Fifteen Nations Special Issue No.2: 28-30 '82

Organization

Allied Command Channel. AF Mag 65:84 Dec '82

ALLIED COMMAND EUROPE

See also

Allied Forces, Central Europe
Allied Forces, Northern Europe
Allied Forces, Southern Europe

Moving an (Allied Command) Mobile Force. GpCapt Alan Curry. illus NATO's Fifteen Nations 27:90+ Aug-Sep '82

NATO--the status of C : ACE missions--C needs. Gen Bernard W. Rogers. Signal 37:26 Dec '82

Organization

Allied Command Europe. AF Mag 65:83 Dec '82

ALLIED FORCES, CENTRAL EUROPE

Belgium (contributes to the Atlantic Alliance's strategy of deterrence and defence). Gen Willy Gontier. illus NATO's Fifteen Nations Special Issue No.2:46-47 '81

Canada (committed to the defence of the NATO area). Gen Ramsey M. Withers. illus NATO's Fifteen Nations Special Issue No.2:48-50 '81

The central region air battle. Gen Charles A. Gabriel. illus por NATO's Fifteen Nations Special Issue No.2:26-29+ '81

Defence of Central Europe: The challenge of the 1980s. Gen Ferdinand Von Senger Und Etterlin. illus maps NATO's Fifteen Nations Special Issue No.2:16-18+ '81

The defence of the Northern German plain. Gen Michael Gow. illus NATO's Fifteen Nations Special Issue No.2:34-36 '81

Indispensable partner (Federal Republic of Germany). LtGen Eberhard Burandt. illus NATO's Fifteen Nations Special Issue No.2:54+ '81

ALLIED FORCES, CENTRAL EUROPE - Continued

NATO--the status of C : C in the Central European Command. Gen Ferdinand M. von Senger und Etterlin. Signal 37:27+ Dec '82

The Netherlands (gateway to Europe). Gen C. De Jager. NATO's Fifteen Nations Special Issue No.2:62+ '81

The short cut. (NATO's Central Army Group (CENTAG)) Gen Frederick J. Kroesen. illus map NATO's Fifteen Nations Special Issue No.2:40+ '81

United Kingdom (and the collective defence arrangements of NATO). FAdm Terence Lewin. illus NATO's Fifteen Nations Special Issue No.2:66+ '81

United States (and NATO's commitment to deter Warsaw Pact aggression in Europe). Gen David C. Jones. illus por NATO's Fifteen Nations Special Issue No.2:70+ '81

"We can count on our allies. I'm not sure the Warsaw Pact can count on theirs." Interview. Gen Charles A. Gabriel. illus por Armed Forces J Intl 119:25-28+ Jan '82

ALLIED FORCES, NORTHERN EUROPE

The influence of the northern flank upon the master of the seas. Gen Anthony Farrar-Hockley. maps Nav War Col Rev 35:4-14 May-Jun '82

NATO--the status of C : C --a transition in the Northern Europe Command. Gen Anthony Farrar-Hockley. Signal 37:19-20 Dec '82

ALLIED FORCES, SOUTHERN EUROPE

NATO--the status of C : C challenges in the Southern Region. ADM W.J. Crowe. tab Signal 37:17+ Dec '82

ALLIED LAND FORCES, SOUTHEASTERN EUROPE see Allied Forces, Southern Europe

ALLIED MILITARY IN THE U.S.

Allied Officer Hall of Fame: The first decade. LtCol John B. Haseman. illus tabs Mil Rev 62:45-48 Jun '82

Education and Training

The early training of French pilots in the U.S. Rene C. Lévesque. illus Aerosp Hist 29: 253-259 Dec '82

ALLISON, George B.

The bombers go to bullseye. LtCol George B. Allison. illus maps tab Aerosp Hist 29: 227-238 Dec '82

ALLOYS

Alloy extends life and reliability of submarine air purification system. illus Natl Def 67:32+ Nov '82

ALLOYS - Continued

Analysis of dental materials as an aid to identification in aircraft accidents. G.S.Wilson and D.W.Cruickshanks-Boyd. illus tabs Aviation, Space & Envmt Med 53:326-331 Apr '82

Tungsten-base penetrators for armor-piercing projectiles. George J.Heideman and Omer W. Nichols. illus Natl Def 66:30-34 Apr '82

ALTIMETERS

CARA (Combined Altitude Radar Altimeter) to replace altimeters. AF Times 42:35 Feb 15 '82

New altimeters provide next-generation and retrofit capabilities. David Bennett. illus Mil Elect/Countermeasures 8:51-55 Jul '82

ALTITUDE, INFLUENCE OF

See also
Aviation--Physiological Aspects

Altitude and hypoxia as phase shift inducers. I.E.Ashkenazi and others. tabs Aviation, Space & Envmt Med 53:342-346 Apr '82

The effect of acetazolamide on the proteinuria of altitude. Arthur R.Bradwell and John P.Delamere. tabs Aviation, Space & Envmt Med 53:40-43 Jan '82

Phenytoin: Ineffective against acute mountain sickness. Richard L.Burse and others. illus, tabs Aviation, Space & Envmt Med 53:221-225 Mar '82

Psychological testing at high altitudes. Marc Nelson. tabs Aviation, Space & Envmt Med 53:122-126 Feb '82

Serum and urinary cation changes on acute induction to high altitude (3200 and 3771 metres). J.C.Chatterji and others. tabs Aviation, Space & Envmt Med 53:576-579 Jun '82

Women at altitude: Cardiovascular responses to hypoxia. Barbara L.Drinkwater and others. tabs Aviation, Space & Envmt Med 53:472-477 May '82

ALTITUDE FLYING

See also
Flight, Low-Altitude

KC-135 fuel conservation--revisited. Capt J.H. Seader. tabs illus Combat Crew 32:26-27 Jan '82

ALUMINUM see MetalsAMATEUR RADIO OPERATORS (HAMS) see Radio OperatorsAMBUSH see Surprise in WarfareAMERICAN DEFENSE PREPAREDNESS ASSOCIATION

Defense communique. Regular feature in issues of National Defense beginning with January 1982

The 1982 A.D.P.A. annual meeting (64th, Washington, Apr 1982). illus Natl Def 67: 66-72 Jul-Aug '82

AMERICAN DEFENSE PREPAREDNESS ASSOCIATION - ContinuedDirectories

Partners in preparedness. illus Natl Def 66: 62-166 May-Jun '82

AMERICAN INDIANSHistory

Dateline: Little Big Horn. Maj Clifford H. Bernath. illus Soldiers 37:48-51 Oct '82

U.S. vs Red Cloud: The final 'coup.' Michelle Starr. illus Army 32:70-73+ Jun '82

AMERICAN LOGISTICS ASSOCIATION

ALA statements of policy. Interservice 2:78+ Spring '82

AMERICAN ORDNANCE ASSOCIATION see American Defense Preparedness AssociationAMERICANS IN FOREIGN COUNTRIES

Amerasians--the children nobody wants. Carole Siler. illus AF Times 43:47-48 Aug 2 '82

America's forgotten children. MSgt Mike Mason. illus Soldiers 37:28-32 Aug '82

Army wants to increase kin job slots. Allen E.Carrier. AF Times 42:4 Jun 28 '82

CMA expands o'seas evidence rules. AF Times 42:14 Feb 15 '82

CMA: SPs may search on entry and exit. AF Times 43:16 Aug 2 '82

DOD: Reprogram \$\$ for benefits. Tom Philpott. AF Times 42:1+ Jun 28 '82

Forces abroad--rights, laws, protections. Walter A.Baker. illus Defense/82, pp 20-25, Jul '82

4 solons want o'seas kin hiring ruling upheld. AF Times 42:11 Mar 1 '82

(Gen Frederick J.) Kroesen: Overseas housing 'No. 1 peacetime problem.' Tom Philpott. Interview. AF Times 43:14 Jul 26 '82

High court upholds foreign hiring bias. AF Times 42:3 Apr 12 '82

Kin o'seas workers offered break on jobs. AF Times 42:12 May 31 '82

PacAF stress: Similar to ConUS, USAFE. Don Mace. AF Times 42:1+ May 31 '82

Supreme Court weighs base hiring overseas. AF Times 42:14 Mar 15 '82

Where's the foreign clearance guide? CW4 Thomas A.Story. USA Avn Dig 28:42-44 Oct '82

AMMUNITION

APFSDS ammunition: The absolute anti-tank weapon? illus Asian Def J No.1:45-46 Jan '82

AMMUNITION - Continued

Automated inspection--a means to increased reliability. Anthony P.Trippe. illus Natl Def 66:18-22 Apr '82

Automatic cannon for lightly armored vehicles. A.Kellenberger. illus Armada Intl 6:26-28+ May-Jun '82

Changes, 2.75 inch rocket system upgrade. Capt David R.Reger. USA Avn Dig 28:39-44 Aug '82

Containerized ammunition--ready or not? Maj William P.Martinous. illus Army Log 14:18-21 Mar-Apr '82

DIVAD to shield U.S. Army divisions from air attack. Felix Müller. illus tabs Armada Intl 6:32-34+ Jan-Feb '82

Evolution of the adaptive proximity fuze. Richard P.Fairall. illus Natl Def 66:26-28+ Apr '82

Extended range full bore and base bleed 155mm ammunition. R.D.M.Furlong. illus tabs Intl Def Rev 15, No.6:755-760 '82

The Heckler & Koch G11 new technology for the rifleman. Edward C.Ezell. illus tabs Intl Def Rev 15, No.3:319-324 '82

Modern ammunition. George Gibbs. illus Asian Def J No.7:42-44+ Jul '82

Moving ammunition for the Army of the future. Bruce P.Schoch. illus Natl Def 66:35-38+ Apr '82

A new era in ammunition management. LtGen Harold F.Hardin, Jr. illus Army Log 14:18-21 Sep-Oct '82

New trends in Infantry weapons. Jacques Lenaerts. illus tabs Mil Tech 6:10+ Mar '82

Pass the ammunition. LtCol K.L.Kraus. illus Translog 13:4-5 Jul '82

Revolutionary new rifle. illus tab Pac Def Rep 9:50-51 Aug '82

Rhine River Terminal--site of ammunition test. Capt Frederick C.Perkins. illus Translog 13:10-12 May '82

Robotics under study. Def Mgt J 18:48 First Quarter '82

Tungsten-base penetrators for armor-piercing projectiles. George J.Heideman and Omer W. Nichols. illus Natl Def 66:30-34 Apr '82

Costs

Ammunition procurement strategy. LtCol Roy R.Willis. illus tab Army Log 14:2-5 Jan-Feb '82

AMPHIBIOUS FORCES

Amphibious forces: Theirs and ours. LtCol Roger M.Jaroch. tabs illus US Nav Inst Proc 108:41-48 Nov '82

Marine armor and prepositioned forces. Capts William B.Drennan and Francis A.Schaller. illus Armor 91:26-31 Nov-Dec '82

AMPHIBIOUS FORCES - Continued

Marine Corps--in crisis or conflict, ready to respond. Gen Robert H.Barrow. illus Defense/82, pp 18-23, Apr '82

Now is the time to: Rethink, redesign, and redeploy naval aviation. CAPT William K. Sullivan. tab Nav War Col Rev 35:10-17 Mar-Apr '82

On and over the beachhead: The Marine Corps' unique air-ground team--and what makes it work. Carl White. illus Sea Power 25:11-12+ Nov '82

(Soviet Navy) their naval infantry. LtCol Dominik George Nargele. illus US Nav Inst Proc 108:152-156 Oct '82

AMPHIBIOUS OPERATIONS

Amphibious operation at Vinh. illus MarCor Gaz 66:54-60 Dec '82

Amphibious warfare: What sort of future? Col Joseph H.Alexander. illus US Nav Inst Proc 108:62-68 Feb '82

Amphibious warfare: Where does the Army stand? LtCol Albert N.Garland, Ret. illus Mil Rev 62:21-27 Sep '82

"Butcher and bolt": Admiral Roger Keyes and British combined operations, 1940-1941. Glen St.J.Barclay. Nav War Col Rev 35:18-29 Mar-Apr '82

Close air support evolution during WW II amphibious operations. Maj Frank A.Ylinen. illus Jt Persp 3:98-108 Summer '82

Full rein for the chopper. T.B.O'Shea. illus Pac Def Rep 9:65-67 Sep '82

Gen Holland M. Smith: Father of amphibious warfare. illus por MarCor Gaz 66:14-15 Apr '82

The Inchon landing: How great was the risk? Maj Bruce R.Pirnie. illus maps Jt Persp 3:86-97 Summer '82

A much-needed lift. Vincent C.Thomas, Jr. illus Sea Power 25:22+ Nov '82

Organizing for mechanized combat. Capt J.J. Jackson. illus MarCor Gaz 66:46-49 Dec '82

The San Carlos landing. Edgar O'Ballance. illus map MarCor Gaz 66:36-39+ Oct '82

What it's all about: (Joint Army, Navy and Marine Corps interservice mission and equipment training). Capt Ronald B.Brown. illus USA Avn Dig 28:28-29 Mar '82

Study and Teaching

Embarkation. Capt John D.McGuire. Infantry 72:11-12 May-Jun '82

AMPHIBIOUS VEHICLES

Amphibious forces: Theirs and ours. LtCol Roger M.Jaroch. tabs illus US Nav Inst Proc 108:41-48 Nov '82

AMPHIBIOUS VEHICLES - Continued

Amphibious warfare: What sort of future?
Col Joseph H. Alexander. illus US Nav Inst
Proc 108:62-68 Feb '82

History

"Let there be built great ships . . ." Col
Don P. Wyckoff, Ret. illus US Nav Inst Proc
108:50-57 Nov '82

Maintenance and Repair

The AAV (Amphibian Assault Vehicle) main-
tenance shuffle. 1stLt Daniel L. Karls.
MarCor Gaz 66:28-29 Dec '82

AMPHIBIOUS WARFARE see Amphibious Operations

AMPHIBIOUS WARFARE SHIPS

FMF (Fleet Marine Force) for the RDF. CDR
Martin L. Cover III. illus US Nav Inst Proc
108:51-55 Jun '82

The surface effect amphibious assault ship.
Michael Stoiko and Isidor Patapis. illus
tabs MarCor Gaz 66:46-53 Mar '82

The surface effect ship. LtCol K.L. Thompson.
MarCor Gaz 66:25-26 Aug '82

AMPLIFIERS

Ku-band digitally tuned oscillator will soon
be available for systems designers. Cuong
M. Pham and others. illus tabs Def Elect 14:
46+ Feb '82

ANDERSON, Orvil A.

The pioneer plan for air war. DeWitt S. Copp.
AF Mag 65:74-78 Oct '82

ANDREWS, Arthur L.

Commitment is the price we pay. CMSgt Arthur
L. Andrews. illus por AF Mag 65:105-106
Sep '82

NCOs must display leadership and profession-
alism. Arthur L. Andrews. por AF Mag 65:
81-82 May '82

ANDROPOV, Yuri V.

Yuri Vladimirovich Andropov. Soviet Mil Rev
No. 12:5 Dec '82

ANIMALS

See also
Dogs

One hump or two? (The Camel Corps) SSgt Gary
L. Kieffer. illus Soldiers 37:43-46 Feb '82

ANNAPOLIS, MD, NAVAL ACADEMY see Naval Academy,
Annapolis, Md

ANTARCTIC REGIONS

The Falklands and the Antarctic Treaty.
David W. Heron. map Mil Sci & Tech 2:20-21
'82

ANTARCTIC REGIONS - Continued

Imperative need for Pax Antarctica. John
Bechervaise. illus map Pac Def Rep 9:
25-28 Jul '82

A journey to Antarctica: Promise, peril, and
paradox on the frozen continent. John Rau
and Trevor Armbrister. illus Sea Power
25:26+ Apr '82

On the ice--resupplying Antarctica. illus
MAC Flyer 29:7-9 Sep '82

ANTARCTIC RESEARCH

A journey to Antarctica: Promise, peril, and
paradox on the frozen continent. John Rau
and Trevor Armbrister. illus Sea Power
25:26+ Apr '82

ANTENNAS

ELINT (Electronic Intelligence) techniques
for antenna beam and scan analysis. Rich-
ard G. Wiley. Excerpted from Electronic
Intelligence: The Analysis of Radar Sig-
nals. tabs J of Elec Def 5:61-65+ Aug '82

High ERP (Effective Radiated Power) phased
array ECM systems. Murray Simpson. illus
tabs J of Elect Def 5:41-49 Mar '82

Higher ERP (Effective Radiated Power) with
lens fed multibeam arrays. D.H. Archer and
A.A. Black. illus tabs J of Elect Def 5:51-
58+ Mar '82

New technology antenna pedestal systems.
Walter J. Kozacky. illus J of Elect Def
5:54-58+ Nov '82

Polarization considerations in selecting
surveillance antennas. John Hill. illus
J of Elect Def 5:31-32+ Aug '82

ANTI-AIRCRAFT ARTILLERY see Artillery, Anti-
Aircraft

ANTI-AIRCRAFT MISSILES see Missiles, Anti-
Aircraft

ANTI-RADIATION MISSILES see Missiles, Anti-
Radiation

ANTIBALLISTIC MISSILES see Missile Defense

ANTIMILITARISM see Militarism

ANTISHIP MISSILES see Missiles, Antiship

ANTISUBMARINE WARFARE

See also
Submarine Warfare

The ASW helicopter--a change of emphasis.
Mark Lambert. illus Interavia 37:671-675
Jul '82

ASW: Is the reaction catching up to the
action? John W. Skipper. Def & For Aff
10:20-21+ Sep '82

ASW: Mission impossible? Stefan Geisenheyner.
illus Asian Def J No. 9:56-58+ Sep '82

ANTISUBMARINE WARFARE - Continued

Anti-submarine warfare--the hunters become the hunted. Felix Müller. illus Armada Intl 6:48-49+ May-Jun '82

The enemy below: Update on Navy ASW programs and systems. Thomas B. Allen. illus Sea Power 25:11-12+ Oct '82

Is SOSUS (SOUND SURveillance System) an underwater Maginot Line? Jim Bussert. illus map Mil Elect/Countermeasures 8:43-46 Jul '82

Ka-? "Helix" (Soviet Navy's new antisubmarine warfare helicopter). Floyd D. Kennedy, Jr. illus US Nav Inst Proc 108:120-121 Feb '82

LAMPS--a multipurpose weapon system. W.M. Goddes and R.J. Orrange. illus Asian Def J No.2:77-85 Feb '82

LAMPS MK III ship/air weapon system: A tactical/surveillance force. C. Del Babb. illus Signal 37:8+ Oct '82

The naval electronics gap. Christopher Glenn. illus tabs Mil Elect/Countermeasures 8:29-30+ Mar '82

Potential Soviet responses to the U.S. submarine threat. Andrew W. Hull. (Reprinted from U.S. Naval Institute Proceedings, Jul 1978) illus Asian Def J No.4:28-30+ '82

Protecting the carrier against torpedo attack. LCDRs James G. O'Keefe and David L. Hallenbeck. Nav War Col Rev 35:50-53 Jan-Feb '82

Soviet tactical ASW threat in the Pacific. G. Jacobs. tabs illus Asian Def J No.8:14-15+ Aug '82

Submarine hunter (Update II version of the Lockheed P-3C Orion). Jacquelyn S. Porth. illus Def & For Aff 10:10-13+ Jul '82

The victim's view of ASW. CDR John L. Byron. illus US Nav Inst Proc 108:38-43 Apr '82

History

ASW: Is the reaction catching up to the action? John W. Skipper. Def & For Aff 10:20-21+ Sep '82

ANTITANK WEAPONS see

Armored Warfare
Artillery, Antitank
Missiles, Antitank

ANTITERRORISM see TerrorismAPPROPRIATIONS AND EXPENDITURESAir Force--U.S.

AF asks \$2.9B in construction. John Ginovsky. AF Times 42:12 Feb 22 '82

Air Force ups readiness accounts to fund Reagan's strategic initiatives. Deborah M. Kyle. por tab Armed Forces J Intl 119:52+ Mar '82

Congress okays \$1.5 billion for AF FY '82 construction. John Ginovsky. AF Times 42:7 Jan 4 '82

APPROPRIATIONS AND EXPENDITURES - ContinuedAir Force--U.S. - Cont'd

DOD to ask \$250-billion in FY 83, plus two FY 82 supplementals. Deborah M. Kyle and Benjamin F. Schemmer. tabs Armed Forces J Intl 119:8+ Feb '82

Directorate of Budget. Regular feature in issues of Air Force Comptroller

Facilities to support our people. Maj Donald R. Barrett. tabs AF Engrg & Svcs Qtr 23:26-28 Summer '82

Forecasting foreign exchange rates for budgeting. Howard B. Baltz. tabs Armed Forces Compt 27:31-33 Fall '82

Funds control in the systems acquisition arena. J. Walter Epply III. AF Compt 16:29-31 Jan '82

Hill criticizes plans for new space center. John Ginovsky. AF Times 42:2 Jul 5 '82

House (Armed Services Committee) Panel adds funds for major air defense initiative in Europe. Benjamin F. Schemmer. illus Armed Forces J Intl 119:30+ May '82

'It's a good budget' (FY '83 Air Force RDT&E budget). Interview. LtGen Kelly H. Burke. por tabs AF Mag 65:52-55 Apr '82

Lack of pact delays Ras Banas buildup. AF Times 42:12 Jan 18 '82

There is a general rule in the Pentagon that is noteworthy. The rule is "if it ain't in the POM it ain't in the budget." Interview. illus AF Engrg & Svcs Qtr 23:34-37 Summer '82

Armed Forces

Defense burden sharing: A brief scorecard on our major allies (and ourselves). Anthony H. Cordesman. tabs Armed Forces J Intl 120:64+ Oct '82

Armed Forces--Australia

Australia's retreat into isolationism. Michael O'Connor. Asian Def J No.12:75-77 Dec '82

The Invincible storm and some local squalls. Pac Def Rep 9:62-63+ Aug '82

Statistics

Australian defence tables. Tables only. Pac Def Rep 8:222-225+ Dec '81/Jan '82

Armed Forces--N A T O

NATO defense budget still short. Glenn Wasson. tabs Def Elect 14:62+ May '82

Armed Forces--Soviet Union

Guns over growth in Soviet policy. Myron Rush. Intl Sec 7:167-179 Winter '82/'83

APPROPRIATIONS AND EXPENDITURES - ContinuedArmed Forces--Soviet Union - Cont'd

Soviet military spending: Assessing the numbers game. Franklyn D. Holzman. tabs Intl Sec 6:78-101 Spring '82

Armed Forces--U.S.

Approved benefits remain unfunded. Martha Lynn Craver. AF Times 42:1+ Jul 19 '82

BAS (Basic Allowances for Subsistence) freeze eyed to increase BAQ (Basic Allowances for Quarters). Tom Philpott. AF Times 42:1+ Jul 5 '82

Benefits gain in '81; '82 picture is cloudy. Martha L. Craver. AF Times 42:4 Jan 4 '82

Budget cuts miss most electronics programs. Richard Hartman. illus tabs Def Elect 14: 125-126+ Oct '82

Budget: Dental plan, boost in travel \$. Tom Philpott. tab AF Times 42:1+ Feb 22 '82

Controlling Murphy: How to budget for program risk. LtCol John D. Edgar. illus tabs Concepts 5:60-73 Summer '82

DOD asks mileage, HHGoods increases. Tom Philpott. AF Times 42:1+ Jan 11 '82

Electronics industry can anticipate strong growth in 1983. Harry V. Martin. tabs Mil Elect/Countermeasures 8:28-31 Dec '82

GAO: DODDS needs tighter control over money and supplies. AF Times 43:10 Nov 22 '82

Hill committees okay full funding for B-1. AF Times 42:3 Apr 26 '82

Hill 'nibbled away' at people programs. AF Times 42:11 Jan 11 '82

Hill tables benefits--pay, funds bill delayed until the new year. AF Times 43:1+ Dec 27 '82

'83 defense plan: Hard decisions deferred. Eric C. Ludvigsen. illus tabs Army 32:22-25+ Apr '82

The once and future Congress: Final action on FY 1982, and an advance look at FY 1983. L. Edgar Prina. illus Sea Power 25:17-23 Jan '82

Panels support military-civilian comparability. Martha Lynn Craver. AF Times 42:1+ Apr 26 '82

Per diem equity tops 'need' list. AF Times 42:3 Jan 4 '82

Personnel cuts laid to DOD. Martha Lynn Craver. AF Times 43:1 Nov 8 '82

The Reagan FY '82 defense bill--where are the increases? Robert L. Scheina. illus Armada Intl 6:20-21+ Jan-Feb '82

SecDef sees mass departures with pay freeze. Martha Lynn Craver. AF Times 42:3 Mar 15 '82

APPROPRIATIONS AND EXPENDITURES - ContinuedArmed Forces--U.S. - Continued

Senate cuts most \$\$ for dental plan. Paul Smith. AF Times 42:4 May 24 '82

(Sen John G.) Tower--pay freeze 'like Russian roulette.' Martha Lynn Craver. por AF Times 42:1+ Mar 29 '82

Why the Army's modernization woes and budgetary catch-22s bewilder its outnumbered soldiers. Benjamin F. Schemmer. illus Armed Forces J Intl 119:24-27+ May '82

Army--U.S.

Air Force ups readiness accounts to fund Reagan's strategic initiatives. Deborah M. Kyle. por tab Armed Forces J Intl 119:52+ Mar '82

DOD to ask \$250-billion in FY 83, plus two FY 82 supplementals. Deborah M. Kyle and Benjamin F. Schemmer. tabs Armed Forces J Intl 119:8+ Feb '82

Foreign exchange rate fluctuations: Their impact on the Army program and budget and a suggested remedy. Maj Richard M. Wrona. Armed Forces Compt 27:21-22 Fall '82

Logistics posture of the Army. Army Log 14: 8-11 Jul-Aug '82

Press reports of Army AH-64 demise exaggerated, but costs pose dilemma. Benjamin F. Schemmer. illus Armed Forces J Intl 119: 54+ Jan '82

Why the Army's modernization woes and budgetary catch-22s bewilder its outnumbered soldiers. Benjamin F. Schemmer. illus Armed Forces J Intl 119:24-27+ May '82

Coast Guard--U.S.

Air Force ups readiness accounts to fund Reagan's strategic initiatives. Deborah M. Kyle. por tab Armed Forces J Intl 119:52+ Mar '82

Congressional SAR mission planned to restore USCG budget. L. Edgar Prina. illus Sea Power 25:9-11 Feb '82

Roles and missions study reaffirms USCG's defense responsibilities. L. Edgar Prina. illus Sea Power 25:16+ May '82

A sea change in defense programs: Navy/USMC budget hiked; NOAA, MarAd, USCG cut. James D. Hessman and Mary Ann Edwards. illus tabs Sea Power 25:12+ Mar '82

Defense Dept--Japan

Plus and minus in Australia's Near North. Denis Warner. illus Pac Def Rep 9:61-63 Sep '82

Defense Dept--U.S.

Barry Goldwater and the military balance: A warning to President Reagan. Anthony H. Cordesman. tabs Armed Forces J Intl 119:88+ May '82

Benefits 'wish list' loses DOD support. Tom Philpott. AF Times 43:1+ Dec 13 '82

APPROPRIATIONS AND EXPENDITURES - ContinuedDefense Dept--U.S. - Cont'd

Budget cutters are only ones likely to win battle over C-5B/747F/C-17 airlift alternatives. Benjamin F.Schemmer. tab illus Armed Forces J Intl 119:38-40+ Jul '82

Can the Secretary of Defense make a difference? Laurence E.Lynn, Jr and Richard I. Smith. Intl Sec 7:45-69 Summer '82

The continuing resolution. Col Philip H. Stevens, Ret. illus Natl Def 67:52-54+ Sep '82

Controlling Federal spending. Randy L.Briggs. tab Def Mgt J 18:41-43 Second Quarter '82

DOD goal of 7% annual budget increases is dimmed by new inflation estimates, Hill delays. Deborah M.Kyle. tabs illus Armed Forces J Intl 119:36-38 Aug '82

DOD kills 205 periodicals; still publishes 1,203 others. tab Armed Forces J Intl 119:16 Aug '82

DOD to ask \$250-billion in FY 83, plus two FY 82 supplementals. Deborah M.Kyle and Benjamin F.Schemmer. tabs Armed Forces J Intl 119:8+ Feb '82

Defense burden sharing: A brief scorecard on our major allies (and ourselves). Anthony H.Cordesman. tabs Armed Forces J Intl 120:64+ Oct '82

Defense spending and economic health. Maj Stephen H.Russell. tab AF Mag 65:62-65 Apr '82

Elites and increased public support for U.S. military spending. Louis Kriesberg and others. tabs J Pol & Mil Sociol 10: 275-297 Fall '82

Energy dollars diverted. AF Times 42:12 Mar 8 '82

Enhanced multiyear procurement for improving weapon systems acquisition. Abraham Singer and Col G.Dana Brabson. tabs Concepts 5: 112-129 Summer '82

FY '82 budget EW/C³CM . . . and beyond. CAPT J.D.Meyer and John M.Porter. illus tab J of Elect Def 5:31-35 Apr '82

FY '83 (Defense) budget. Deborah M.Kyle. illus tabs Armed Forces J Intl 119:48-49 Mar '82

Facts and figures about the Department of Defense. tabs charts illus Defense/82: entire issue Sep '82

The five-year spending plan. James W.Abelera and Roger P.Labrie. tabs AEI For Plcy & Def Rev 3, No.4-5:4-46 '81

The high cost of defending America: Is the price out of line? Deborah G.Meyer. tabs Armed Forces J Intl 119:39-40+ Aug '82

House clears B-1 \$\$; rejects MX. Leonard Famiglietti. AF Times 43:3 Dec 20 '82

APPROPRIATIONS AND EXPENDITURES - ContinuedDefense Dept--U.S. - Cont'd

How the defense budget battle is heating up. Edgar Ulsamer. AF Mag 65:54-60 May '82

In focus. Regular feature in issues of Air Force Magazine

Multiyear procurement: A current perspective. Majs Ronald H.Rasch and Jonathan L.Brearey. Concepts 5:39-53 Spring '82

"The name of the game is not technology or advancing science, it's to be better than the Soviets are." Interview. LtGen James W.Stansberry. illus por Armed Forces J Intl 119:24+ Feb '82

'83 defense plan: Hard decisions deferred. Eric C.Ludvigsen. illus tabs Army 32:22-25+ Apr '82

OMB and the Pentagon: Adversaries or collaborators? Def Monitor 11, No.2: entire issue '82

Policy, strategy, & the budget: A new look at resources and approaches. Caspar W. Weinberger. illus tabs Defense/82, pp 2-9+, May '82

The Reagan defense program: Can it hold up? Herschel Kanter. illus tabs Strat Rev 10: 19-34 Spring '82

Reagan speech kicks off long budgetary process. Martha Lynn Craver. illus AF Times 42:7 Feb 8 '82

Realism in the defense budget. Edgar Ulsamer. AF Mag 65:46-51 Apr '82

Theodore F.Stevens. Deborah M.Kyle. Interview. por Armed Forces J Intl 119:12-13 Aug '82

Top 10 weapons programs swallow 13% of total DOD FY '83 budget. W.Eric Casey. tab Armed Forces J Intl 119:52 Mar '82

U.S. defense budgets--the right priorities? Col T.N.Dupuy. illus tab Armed Forces J Intl 119:91-93 Apr '82

U.S. strategic buildup can deter Soviet supremacy. Sen David L.Boren. tab Intl Sec Rev 6:411-436 Winter '81/'82

The Weinberger-Carlucci initiatives: How are we doing? Vince Puritano. tabs Defense/82, pp 2-11, Jun '82

Marine Corps--U.S.

Air Force ups readiness accounts to fund Reagan's strategic initiatives. Deborah M. Kyle. por tab Armed Forces J Intl 119:52+ Mar '82

National Oceanic and Atmospheric Administration--U.S.

A sea change in defense programs: Navy/USMC budget hiked; NOAA, MarAd, USCG cut. James D.Hessman and Mary Ann Edwards. illus tabs Sea Power 25:12+ Mar '82

APPROPRIATIONS AND EXPENDITURES - ContinuedNavy--France

French Navy to stay in Indian/Pacific Oceans.
Dora Alves. Pac Def Rep 8:50+ Jun '82

Navy--U.S.

Air Force ups readiness accounts to fund
Reagan's strategic initiatives. Deborah M.
Kyle. por tab Armed Forces J Intl 119:52+
Mar '82

The case for the CVNs (nuclear-powered air-
craft carriers)--II: The debate in Congress.
L.Edgar Prina. illus Sea Power 25:27-29+
Jun '82

(Chairman of the Senate Armed Service Com-
mittee). Interview. Sen John Tower. illus
por Sea Power 25:27-32 Mar '82

DOD to ask \$250-billion in FY 83, plus two
FY 82 supplementals. Deborah M.Kyle and
Benjamin F.Schemmer. tabs Armed Forces J
Intl 119:8+ Feb '82

FY '83: A banner year for naval aviation?
L.Edgar Prina. illus Sea Power 25:21-26
Feb '82

Four options, 600 ships, and anonymous
critics. L.Edgar Prina. tabs illus Sea
Power 25:48+ May '82

The new defense budget, and how it shrank.
Kenneth E.Cornell. Sea Power 25:33-34
Mar '82

New defense guidance tells services 'to get
in step.' L.Edgar Prina. Sea Power 25:
43-44+ Aug '82

Of budgets and fleets. James D.Hessman. illus
tabs Sea Power 25:27-34 Feb '82

The once and future Congress: Final action
on FY 1982, and an advance look at FY 1983.
L.Edgar Prina. illus Sea Power 25:17-23
Jan '82

The Reagan FY '82 defense bill--where are
the increases? Robert L.Scheina. illus
Armada Intl 6:20-21+ Jan-Feb '82

A sea change in defense programs: Navy/USMC
budget hiked; NOAA, MarAd, USCG cut. James
D.Hessman and Mary Ann Edwards. illus tabs
Sea Power 25:12+ Mar '82

Secretary of Defense. Interview. Caspar W.
Weinberger. illus por Sea Power 25:79-80+
Apr '82

Secretary of the Navy--John Lehman. Interview.
por Def Sci 2000+ 1:27-30+ May-Jun '82

Spending patterns of the United States Navy,
1921-1941. Thomas C.Hone. tabs Armed Forces
& Soc 8:443-462 Spring '82

Strategy and the Navy's 1983-87 program:
Skepticism is warranted! William R.Van
Cleave. illus tabs Armed Forces J Intl 119:
49-51 Apr '82

APPROPRIATIONS AND EXPENDITURES - ContinuedNavy--U.S. - Cont'd

Tomorrow's fleet. CDR John D.Alden, Ret. illus
tabs US Nav Inst Proc 108:113-122 Jan '82

Weinberger: 'Our primary goal is to establish
and maintain maritime superiority.' L.Edgar
Prina. illus Sea Power 25:50+ Mar '82

United States

Selecting programs for multiyear procure-
ment. LtCol Kary R.Lafors. Concepts 5:54-
67 Spring '82

APTITUDE

Aviator selection research: Then and now.
John A.Dohme and others. illus tabs USA
Avn Dig 28:24-29 Jun '82

Pentagon study: Recruits in AF above aver-
age. Tom Philpott. tab AF Times 42:1+
Mar 8 '82

ARAB-ISRAELI CONFLICT, 1967-See also

Middle East Crisis, 1967
Middle East War, 1973

The battle of al-Karamah and the development
of Palestinian nationalism. Maj Gregory M.
Kortanek. illus Jt Persp 2:48-59 Spring '82

The bombing of Osiraq (nuclear facility)--
revisited. Shai Feldman. Intl Sec 7:114-
142 Fall '82

The Israeli raid on Iraq: A new prolifera-
tion landscape. Amos Perlmutter. illus
Strat Rev 10:34-43 Winter '82

Israeli settlements and security. Col A.S.
Duncan. map RUSI J for Def Studies 127:51-
54 Mar '82

'Operation Ramon': Historic move to the
Negev. Maj Karen McKay. illus map Army 32:
46-49+ Apr '82

The search for peace in the Middle East.
Noel Kaplowitz. Intl Sec 7:181-207 Summer
'82

Symposium: The Arab-Israeli conflict. Kath-
leen L.Uhler and others. J Pol & Mil Sociol
10:121-129 Spring '82

The wars of Israel in Sinai: Topography
conquered. Arnon Soffer. map illus Mil
Rev 62:60-72 Apr '82

Lessons Learned (Military)

The sixth Arab-Israeli conflict: Military
lessons for American defense planning.
Anthony H.Cordesman. Armed Forces J Intl
119:29-30+ Aug '82

ARCHITECTUREUnited States

Design for the times (1981 USAF design awards). Capt Katie Cutler. illus Airman 26:34-39 Apr '82

Eight facility design projects capture awards. illus AF Times 42:16 Mar 8 '82

ARCTIC REGIONS

Moscow's most powerful fleet. Frederic N. Smith. Def & For Aff 10:30-31 Sep '82

Strategic Importance

Canadian maritime forces in the far north. VAdm J.A.Fulton. illus NATO's Fifteen Nations Special Issue No.2:32-34 '82

ARCTIC RESEARCH

Cold regions test center. SSgt Terri Wiram. illus Soldiers 37:24-26 Oct '82

ARCTIC TRAINING

On maneuvers with the Marines. (Interview with John M.Rau) illus Sea Power 25:39-54 Jun '82

ARGENTINA

(Argentina): A blessed and troubled land. Gen T.R.Milton. Ret. map illus AF Mag 65: 76-79 Apr '82

Foreign RelationsGreat Britain

Reflections on the Falkland Islands dispute. P.Lewis Young. illus map Asian Def J pt 1, No.6:44-46+ Jun '82; pt 2, No.7:30-32+ Jul '82; pt 3, No.8:30-31+ Aug '82

Too many missing pieces--the Falklands: An Argentine assessment. Gen T.R.Milton. Ret. illus AF Mag 65:48-49 Dec '82

ARMAMENTSee also

Artillery
Munitions
Ordnance

also subdivision under specific subjects, e.g.,

Airplanes, Military--Armament
Helicopters, Military--Armament
Ships--Armament
Tanks, Military--Armament

GermanyHistory

The Big Berthas: How successful? RADM William H.Langenberg. illus Mil Rev 62:23-32 Nov '82

Switzerland

Switzerland is modernising: A discussion of Swiss defence plans. illus (Also cutaway) Mil Tech 6:46+ Feb '82

ARMED FORCESSee also

General Purpose Forces
Interservice Cooperation
Interservice Rivalry
Strategic Forces
Unification of the Armed Forces
also subdivision under specific subjects, e.g.,
Appropriations and Expenditures--Armed Forces--U.S.
Officers--Armed Forces--U.S.
Promotion--Armed Forces--U.S.

Foreign military developments. Regular feature in issues of National Defense beginning with January 1982

Statistics

The military balance. International Institute for Strategic Studies. tabs charts map Pac Def Rep 8:67-168+ Dec '81/Jan '82

The Military Balance: 1981/82. International Institute for Strategic Studies. illus tabs Aerosp Intl 17: entire issue Jan-Feb '82

The Military Balance: 1982/83. International Institute for Strategic Studies. illus tabs maps AF Mag 65:61-70+ Dec '82

The Military Balance 82-83. International Institute for Strategic Studies. tabs illus Asian Def J pt 1, No.12:14+ Dec '82

The Military Balance, 1982-83. International Institute of Strategic Studies. illus tabs Mil Tech 6: entire issue Dec '82

Afghanistan

Soviet war in Afghanistan: Three years later. G.Jacobs. illus map tabs Asian Def J No.12: 34-36+ Dec '82

Statistics

Afghanistan. International Institute for Strategic Studies. Tables only. AF Mag 65:127 Dec '82

Africa, NorthStatistics

The Middle East and North Africa. International Institute for Strategic Studies. illus tabs map AF Mag 65:107-109+ Dec '82

Africa, Sub-SaharanStatistics

Sub-Saharan Africa. International Institute for Strategic Studies. map tabs illus AF Mag 65:117-122 Dec '82

AlbaniaStatistics

Albania. International Institute for Strategic Studies. Tables only. AF Mag 65:104 Dec '82

ARMED FORCES - ContinuedAlgeriaStatistics

Algeria. International Institute for Strategic Studies. Tables only. AF Mag 65:108-109 Dec '82

AngolaStatistics

Angola. International Institute for Strategic Studies. Tables only. AF Mag 65:118 Dec '82.

Argentina

The Falklands crisis: Emerging lessons for power projection and force planning. Anthony H. Cordesman. illus tabs Armed Forces J Intl 120:29-30+ Sep '82

Statistics

Argentina. International Institute for Strategic Studies. Tables only. AF Mag 65:135 Dec '82

AsiaStatistics

Other Asian countries and Australasia. International Institute for Strategic Studies. illus tabs map AF Mag 65:126-133 Dec '82

Asia, Eastern

Asian land forces: 1--military situation in East Asia and Western Pacific. (Excerpted from White Paper on Defence of Japan 1981) tab maps Asian Def J No.3:13-14+ Mar '82

Asia, Southeastern

Asian land forces: 2--changing strategic situation in South East Asia. P. Lewis Young. illus Asian Def J No.3:18-20+ Mar '82

AustralasiaStatistics

Other Asian countries and Australasia. International Institute for Strategic Studies. illus tabs map AF Mag 65:126-133 Dec '82

Australia

Admiral (Anthony) Synnot on vital defence issues. Interview. Denis Warner. Pac Def Rep 8:22-24+ May '82

The alternative defence policy. Gordon Scholes. illus Pac Def Rep 8:20-23 Mar '82

The Australian armed forces--No.1: The Army. Pac Def Rep 8:207+ Dec '81/Jan '82

ARMED FORCES - ContinuedAustralia - Cont'd

The Australian armed forces--No.2: RAN--1981/82. A.W. Grazebrook. illus Pac Def Rep 8:210-212+ Dec '81/Jan '82

The Australian armed forces--No.3: Busy times ahead for the RAAF. Pac Def Rep 8:213+ Dec '81/Jan '82

Australian defence news. Regular feature in some issues of Asian Defence Journal

Australia's retreat into isolationism. Michael O'Connor. Asian Def J No.12:75-77 Dec '82

The hidden shoals in (Australian) Labor's defence policy. A.W. Grazebrook. Pac Def Rep 8:35-36 May '82

Return to the Middle East--no 2: The ANZAC contingent and its role. Ian Hamilton. illus Pac Def Rep 8:24+ Apr '82

Scuttlebutt newsletter. Regular feature in issues of Pacific Defence Reporter beginning with February 1982

Statistics

Australia. International Institute for Strategic Studies. Tables only. AF Mag 65:127 Dec '82

AustriaStatistics

Austria. International Institute for Strategic Studies. Tables only. AF Mag 65:104 Dec '82

BahrainStatistics

Bahrain. International Institute for Strategic Studies. Tables only. AF Mag 65:109 Dec '82

BangladeshStatistics

Bangladesh. International Institute for Strategic Studies. Tables only. AF Mag 65:127 Dec '82

Belgium

Belgium (contributes to the Atlantic Alliance's strategy of deterrence and defence). Gen Willy Gontier. illus NATO's Fifteen Nations Special Issue No.2:46-47 '81

Statistics

Belgium. International Institute for Strategic Studies. Tables only. AF Mag 65:87 Dec '82

ARMED FORCES - ContinuedBeninStatistics

Benin. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

BoliviaStatistics

Bolivia. International Institute for Strategic Studies. Tables only. AF Mag 65:135-136 Dec '82

BotswanaStatistics

Botswana. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

Brazil

The Brazil situation. Gen T.R.Milton, Ret. map illus AF Mag 65:111-115 Mar '82

Statistics

Brazil. International Institute for Strategic Studies. Tables only. AF Mag 65:136 Dec '82

BruneiStatistics

Brunei. International Institute for Strategic Studies. Tables only. AF Mag 65:133 Dec '82

BulgariaStatistics

Bulgaria. International Institute for Strategic Studies. Tables only. AF Mag 65:74 Dec '82

BurmaStatistics

Burma. International Institute for Strategic Studies. Tables only. AF Mag 65:127-128 Dec '82

BurundiStatistics

Burundi. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

Cambodia

Report from Phnom Penh. Michael Richardson. illus Pac Def Rep 8:8-10+ Mar '82

Statistics

Kampuchea/Cambodia. International Institute for Strategic Studies. Table only. AF Mag 65:129 Dec '82

ARMED FORCES - ContinuedCameroonStatistics

Cameroon. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

Canada

Canada (committed to the defence of the NATO area). Gen Ramsey M. Withers. illus NATO's Fifteen Nations Special Issue No.2:48-50 '81

Canada's defense debacle. Maj Jeffrey G. Gilmour. illus US Nav Inst Proc 108:110-116 Mar '82

Unification or resignation. LCDR Hal Lawrence, Ret. illus US Nav Inst Proc 108:33-35 Jul '82

Statistics

Canada. International Institute for Strategic Studies. Tables only. AF Mag 65:88-89 Dec '82

Cape VerdeStatistics

Cape Verde. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

Central African RepublicStatistics

Central African Republic. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

Central America

Soviet imperialism spreads south. Fred C. Ikle. tabs Defense/82, pp 24-28, Mar '82

ChadStatistics

Chad. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

ChileStatistics

Chile. International Institute for Strategic Studies. Tables only. AF Mag 65:136-137 Dec '82

China (People's Republic)

Asian land forces: 1--military situation in East Asia and Western Pacific. (Excerpted from White Paper on Defence of Japan 1981) tab maps Asian Def J No.3:13-14+ Mar '82

ARMED FORCES - ContinuedChina (People's Republic) - Cont'd

China's defense modernization--of tortoise shells and tigers' tails. Paul H.B. Godwin. illus AU Rev 33:2-19 Nov-Dec '81

Massive cuts in the Chinese army. Clare Hollingworth. illus Pac Def Rep 8:28-29 Mar '82

Statistics

China. International Institute for Strategic Studies. illus map tabs AF Mag 65:123-125 Dec '82

ColombiaStatistics

Colombia. International Institute for Strategic Studies. Tables only. AF Mag 65:137 Dec '82

CongoStatistics

Congo. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

CubaStatistics

Cuba. International Institute for Strategic Studies. Tables only. AF Mag 65:137 Dec '82

CyprusStatistics

Cyprus. International Institute for Strategic Studies. Tables only. AF Mag 65:104 Dec '82

Czechoslovakia

The problem of military elite cohesion in Eastern Europe--the case of Czechoslovakia. Condoleezza Rice. AU Rev 33:64-74 Jan-Feb '82

Statistics

Czechoslovakia. International Institute for Strategic Studies. Tables only. AF Mag 65:74-75 Dec '82

DenmarkStatistics

Denmark. International Institute for Strategic Studies. Tables only. AF Mag 65:89 Dec '82

DjiboutiStatistics

Djibouti. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

ARMED FORCES - ContinuedDominican RepublicStatistics

Dominican Republic. International Institute for Strategic Studies. Tables only. AF Mag 65:137 Dec '82

EcuadorStatistics

Ecuador. International Institute for Strategic Studies. Tables only. AF Mag 65:137 Dec '82

EgyptStatistics

Egypt. International Institute for Strategic Studies. Tables only. AF Mag 65:109 Dec '82

El SalvadorStatistics

El Salvador. International Institute for Strategic Studies. Tables only. AF Mag 65:137-138 Dec '82

Equatorial GuineaStatistics

Equatorial Guinea. International Institute for Strategic Studies. AF Mag 65:120-121 Dec '82

EthiopiaStatistics

Ethiopia. International Institute for Strategic Studies. Tables only. AF Mag 65:118-119 Dec '82

EuropeStatistics

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 65:140-143 Dec '82

Other European countries. International Institute for Strategic Studies. tabs illus map AF Mag 65:103-106 Dec '82

Europe, Western

European defence news. Regular feature in issues of Asian Defence Journal

FijiStatistics

Fiji. International Institute for Strategic Studies. Tables only. AF Mag 65:133 Dec '82

ARMED FORCES - ContinuedFinlandStatistics

Finland. International Institute for Strategic Studies. Tables only. AF Mag 65:105 Dec '82

France

The French armed forces under Mitterand. Clare Hollingworth. illus Def & For Aff 9: 10-14 Oct '81

French defense: An American appreciation. John H. Kelly. tabs AEI For Plcy & Def Rev 4, No.1:41-46 '82

French NCOs--career strategies and attitudes. Hubert Jean-Pierre Thomas and Christian Rosenveig. illus tabs Armed Forces & Soc 8:275-301 Winter '82

French political parties and defense policy--divergences and consensus. Pierre Dabezies. Armed Forces & Soc 8:239-256 Winter '82

Statistics

France. International Institute for Strategic Studies. Tables only. AF Mag 65:89-90 Dec '82

GabonStatistics

Gabon. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

Germany (East)

Asymmetric images of the enemy: The problem of political education in the armed forces of the two German states. Wilfried Von Bredow. J Pol & Mil Sociol 9:31-41 Spring '81

Statistics

German Democratic Republic. International Institute for Strategic Studies. Tables only. AF Mag 65:75 Dec '82

Germany (West)

Asymmetric images of the enemy: The problem of political education in the armed forces of the two German states. Wilfried Von Bredow. J Pol & Mil Sociol 9:31-41 Spring '81

Tactical requirements of heavy military cross-country vehicles. Col Günther Emme. illus Armada Intl (Special Issue II) 6: 2-4+ Sep-Oct '82

Statistics

Germany: Federal Republic. International Institute for Strategic Studies. Tables only. AF Mag 65:90+ Dec '82

ARMED FORCES - ContinuedGhanaStatistics

Ghana. International Institute for Strategic Studies. Tables only. AF Mag 65:119 Dec '82

Great Britain

The Falklands crisis: Emerging lessons for power projection and force planning. Anthony H. Cordesman. illus tabs Armed Forces J Intl 120:29-30+ Sep '82

United Kingdom (and the collective defence arrangements of NATO). FAdm Terence Lewin. illus NATO's Fifteen Nations Special Issue No.2:66+ '81

'We loved your colorful language' (exchange visits between the National Guard and the Territorial Army (TA) of Britain). Maj Stanley D.S. Baldwin. illus Natl Guard 36: 10-13 Aug '82

Equipment

British light armoured vehicles. MajGen Rowley Mans. illus Asian Def J No.12:92-93 Dec '82

Statistics

Britain. International Institute for Strategic Studies. Tables only. AF Mag 65:87-88 Dec '82

Greece

The Greek military regime (1967-1974) and the Cyprus question--origins and goals. Constantine P. Danopoulos. tab J Pol & Mil Sociol 10:257-273 Fall '82

Modernizing the Greek armed forces. Robert Salvy. illus Intl Def Rev 15, No.9:1258-1260 '82

Statistics

Greece. International Institute for Strategic Studies. Tables only. AF Mag 65:95 Dec '82

GuatemalaStatistics

Guatemala. International Institute for Strategic Studies. Tables only. AF Mag 65:138 Dec '82

GuineaStatistics

Guinea. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

ARMED FORCES - ContinuedGuyanaStatistics

Guyana. International Institute for Strategic Studies. Tables only. AF Mag 65:140 Dec '82

HaitiStatistics

Haiti. International Institute for Strategic Studies. Tables only. AF Mag 65:140 Dec '82

HondurasStatistics

Honduras. International Institute for Strategic Studies. Tables only. AF Mag 65:138 Dec '82

HungaryStatistics

Hungary. International Institute for Strategic Studies. Tables only. AF Mag 65:75-76 Dec '82

India

Indian defence briefs. Regular feature in some issues of Asian Defence Journal

India's defence perspectives and the armed forces. Pushpinder Singh. illus Asian Def J No.10:12-14+ Oct '82

Statistics

Asian land forces: 3--Pakistan-India: Comparison of military power. G.Jacobs. illus map tabs Asian Def J No.3:28-30+ Mar '82

India. International Institute for Strategic Studies. Tables only. AF Mag 65:128 Dec '82

Indonesia

Asian land forces: 2--changing strategic situation in South East Asia. P.Lewis Young. illus Asian Def J No.3:18-20+ Mar '82

Equipment

Indonesian armed forces re-equipping. G.Jacobs. illus Pac Def Rep 9:32 Aug '82

Statistics

Indonesia. International Institute for Strategic Studies. Tables only. AF Mag 65:128 Dec '82

The Indonesian Armed Forces: ABRI (Angkatan Bersenjata Republik Indonesia)--a new image for the '80s. Khalid Abdullah. illus tabs Asian Def J No.5:36-38+ May '82

ARMED FORCES - ContinuedIranStatistics

Iran. International Institute for Strategic Studies. Tables only. AF Mag 65:109+ Dec '82

Lessons of the Iran-Iraq War: The first round. Anthony H.Cordesman. tab map Armed Forces J Intl pt 1, 119:32+ Apr '82; pt 2, Tactics, technology, and training. 119:68+ Jun '82

IraqStatistics

Iraq. International Institute for Strategic Studies. Tables only. AF Mag 65:112 Dec '82

Lessons of the Iran-Iraq War: The first round. Anthony H.Cordesman. tab map Armed Forces J Intl pt 1, 119:32+ Apr '82; pt 2, Tactics, technology, and training. 119:68+ Jun '82

IrelandStatistics

Eire. International Institute for Strategic Studies. Tables only. AF Mag 65:104-105 Dec '82

Israel

Israel lashes out. R.D.M.Furlong. illus Intl Def Rev 15, No.8:1001-1007 '82

Statistics

Israel. International Institute for Strategic Studies. Tables only. AF Mag 65:112-113 Dec '82

ItalyStatistics

Italy. International Institute for Strategic Studies. Tables only. AF Mag 65:96 Dec '82

JamaicaStatistics

Jamaica. International Institute for Strategic Studies. Tables only. AF Mag 65:140 Dec '82

Japan

Asian land forces: 1--military situation in East Asia and Western Pacific. (Excerpted from White Paper on Defence of Japan 1981) tab maps Asian Def J No.3:13-14+ Mar '82

Japan and the future of Pacific defense. (Testimony before House Subcommittee on Asian and Pacific Affairs) Francis J.West, Jr. illus Defense/82, pp 12-17, Jun '82

ARMED FORCES - ContinuedJapan - Cont'd

Japan begins to reorganize its defense priorities. Jack Burton. illus Def & For Aff 10:24-25 Jun '82

Statistics

Japan. International Institute for Strategic Studies. Tables only. AF Mag 65:129 Dec '82

Japan: Need to bolster defence--renewed efforts to boost military capabilities. tabs illus maps Asian Def J No.5:56-58+ May '82

JordanStatistics

Jordan. International Institute for Strategic Studies. Tables only. AF Mag 65:113 Dec '82

KenyaStatistics

Kenya. International Institute for Strategic Studies. Tables only. AF Mag 65:119 Dec '82

Korea (North)

Armed forces of the Korean peninsula--a comparative study. G.Jacobs. tabs illus Asian Def J No.11:12-14+ Nov '82

Asian land forces: 1--military situation in East Asia and Western Pacific. (Excerpted from White Paper on Defence of Japan 1981) tab maps Asian Def J No.3:13-14+ Mar '82

Korea: Force imbalances and remedies. Donald R.Cotter and N.F.Wikner. illus tabs Strat Rev 10:63-70 Spring '82

Statistics

Korea: Democratic People's Republic (North). International Institute for Strategic Studies. Tables only. AF Mag 65:129 Dec '82

Korea (South)

Armed forces of the Korean peninsula--a comparative study. G.Jacobs. tabs illus Asian Def J No.11:12-14+ Nov '82

Asian land forces: 1--military situation in East Asia and Western Pacific. (Excerpted from White Paper on Defence of Japan 1981) tab maps Asian Def J No.3:13-14+ Mar '82

Korea: Force imbalances and remedies. Donald R.Cotter and N.F.Wikner. illus tabs Strat Rev 10:63-70 Spring '82

Statistics

Korea: Republic of (South). International Institute for Strategic Studies. Tables only. AF Mag 65:129-130 Dec '82

ARMED FORCES - ContinuedKuwaitStatistics

Kuwait. International Institute for Strategic Studies. Tables only. AF Mag 65:113 Dec '82

LaosStatistics

Laos. International Institute for Strategic Studies. Tables only. AF Mag 65:130 Dec '82

Latin AmericaStatistics

Latin America. International Institute for Strategic Studies. illus map tabs AF Mag 65:134-140 Dec '82

LebanonStatistics

Lebanon. International Institute for Strategic Studies. Tables only. AF Mag 65:113-114 Dec '82

LibyaStatistics

Libya. International Institute for Strategic Studies. Tables only. AF Mag 65:114 Dec '82

LuxembourgStatistics

Luxembourg. International Institute for Strategic Studies. Tables only. AF Mag 65:96 Dec '82

MadagascarStatistics

Madagascar. International Institute for Strategic Studies. Tables only. AF Mag 65:119 Dec '82

Malaysia

Asian land forces: 2--changing strategic situation in South East Asia. P.Lewis Young. illus Asian Def J No.3:18-20+ Mar '82

Taking stock of nation's defence. (Interview with Malaysia's Deputy Defence Minister, Abang Abu Bakar) Zara Dian and Thana Sabaratnam. illus Asian Def J No.4:13-17 '82

History

Early years of the Malaysian armed forces. illus Asian Def J No.4:23 '82

ARMED FORCES - ContinuedMalaysia - Cont'dStatistics

Malaysia. International Institute for Strategic Studies. Tables only. AF Mag 65:130 Dec '82

Malaysia's armed forces: Better fire power, conventional strategy. tab illus Asian Def J No.4:18-21 '82

MaltaStatistics

Malta. International Institute for Strategic Studies. Tables only. AF Mag 65:105 Dec '82

MexicoStatistics

Mexico. International Institute for Strategic Studies. Tables only. AF Mag 65:138 Dec '82

Middle East

Middle East armed forces--oil wealth, oil watch. Jay G.Walden. illus map Armada Intl 6:84-86+ Jan-Feb '82

Statistics

The Middle East and North Africa. International Institute for Strategic Studies. illus tabs map AF Mag 65:107-109+ Dec '82

MongoliaStatistics

Mongolia. International Institute for Strategic Studies. Tables only. AF Mag 65:130 Dec '82

MoroccoStatistics

Morocco. International Institute for Strategic Studies. Tables only. AF Mag 65:114 Dec '82

MozambiqueStatistics

Mozambique. International Institute for Strategic Studies. Tables only. AF Mag 65:119 Dec '82

N A T O

MBFR (Mutual and Balanced Force Reduction). John Borawski. Natl Def 67:13-14 Dec '82

Manpower versus force structure: The need for a new approach to mutual and balanced force reductions in Europe. LtCol Werner Baach. illus tab Jt Persp 2:60-71 Spring '82

ARMED FORCES - ContinuedN A T O - Cont'd

NATO's theatre nuclear weapons face Soviet challenge. AVM Stewart Menaul. illus map tab Asian Def J No.6:54-57 Jun '82

A revival for MBFR (Mutual and Balanced Force Reductions)? Stanley R.Sloan. Natl Def 67: 30-32+ Jul-Aug '82

Statistics

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 65:140-143 Dec '82

The North Atlantic Treaty. International Institute for Strategic Studies. illus tabs map chart AF Mag 65:81-84+ Dec '82

NepalStatistics

Nepal. International Institute for Strategic Studies. Tables only. AF Mag 65:130 Dec '82

Netherlands

The Netherlands (gateway to Europe). Gen C.De Jager. NATO's Fifteen Nations Special Issue No.2:62+ '81

Statistics

Netherlands. International Institute for Strategic Studies. Tables only. AF Mag 65: 96-97 Dec '82

New Zealand

New Zealand defence notes. Regular feature in some issues of Asian Defence Journal beginning with February 1982

New Zealand's defence: Progress and problems. J.H.Beaglehole. illus Pac Def Rep 8:232-233 Dec '81/Jan '82

Return to the Middle East--no 2: The ANZAC contingent and its role. Ian Hamilton. illus Pac Def Rep 8:24+ Apr '82

Scuttlebut newsletter. Regular feature in issues of Pacific Defence Reporter beginning with February 1982

Statistics

New Zealand. International Institute for Strategic Studies. Tables only. AF Mag 65: 130-131 Dec '82

NicaraguaStatistics

Nicaragua. International Institute for Strategic Studies. Tables only. AF Mag 65:138 Dec '82

ARMED FORCES - ContinuedNigeriaStatistics

Nigeria. International Institute for Strategic Studies. Tables only. AF Mag 65:119-120 Dec '82

NorwayStatistics

Norway. International Institute for Strategic Studies. Tables only. AF Mag 65:97 Dec '82

OmanStatistics

Oman. International Institute for Strategic Studies. Tables only. AF Mag 65:114 Dec '82

Pacific Region

Asian land forces: 1--military situation in East Asia and Western Pacific. (Excerpted from White Paper on Defence of Japan 1981) tab maps Asian Def J No.3:13-14+ Mar '82

PakistanStatistics

Asian land forces: 3--Pakistan-India: Comparison of military power. G.Jacobs. illus map tabs Asian Def J No.3:28-30+ Mar '82

Pakistan. International Institute for Strategic Studies. Tables only. AF Mag 65:131 Dec '82

Papua New GuineaStatistics

Papua New Guinea. International Institute for Strategic Studies. Tables only. AF Mag 65:133 Dec '82

ParaguayStatistics

Paraguay. International Institute for Strategic Studies. Tables only. AF Mag 65:138-139 Dec '82

PeruStatistics

Peru. International Institute for Strategic Studies. Tables only. AF Mag 65:139 Dec '82

Philippines

The Armed Forces of the Philippines: Security through development in the 1980s. Khalid Abdullah. illus Asian Def J No.6:20-22+ Jun '82

ARMED FORCES - ContinuedPhilippines - Cont'd

Asian land forces: 2--changing strategic situation in South East Asia. P.Lewis Young. illus Asian Def J No.3:18-20+ Mar '82

Organization

The Philippine constabulary: A police-military force for all seasons. map charts illus Asian Def J No.9:17-18+ Sep '82

Statistics

Philippines. International Institute for Strategic Studies. Tables only. AF Mag 65:131 Dec '82

PolandStatistics

Poland. International Institute for Strategic Studies. Tables only. AF Mag 65:76 Dec '82

Portugal

The armed forces movement and the Portuguese revolution: Two steps forward, one step back. John L.Hammond. J Pol & Mil Sociol 10:71-101 Spring '82

Statistics

Portugal. International Institute for Strategic Studies. Tables only. AF Mag 65:97 Dec '82

QatarStatistics

Qatar. International Institute for Strategic Studies. Tables only. AF Mag 65:114-115 Dec '82

RomaniaStatistics

Romania. International Institute for Strategic Studies. Tables only. AF Mag 65:76 Dec '82

Saudi ArabiaStatistics

Saudi Arabia. International Institute for Strategic Studies. Tables only. AF Mag 65:115 Dec '82

SenegambiaStatistics

Senegambia. International Institute for Strategic Studies. AF Mag 65:120 Dec '82

ARMED FORCES - ContinuedSingapore

Asian land forces: 2--changing strategic situation in South East Asia. P.Lewis Young. illus Asian Def J No.3:18-20+ Mar '82

Statistics

Singapore. International Institute for Strategic Studies. Tables only. AF Mag 65:131-132 Dec '82

Somali Democratic RepublicStatistics

Somali Democratic Republic. International Institute for Strategic Studies. Tables only. AF Mag 65:120-121 Dec '82

South Africa (Republic)Statistics

South Africa. International Institute for Strategic Studies. Tables only. AF Mag 65:121-122 Dec '82

Southern HemisphereStatistics

The Southern Hemisphere as a defence community. Juerg Meister. illus tabs Pac Def Rep 8:54-57 Mar '82

Soviet Union

80,000 Soviet troops a threat. (Speech, United Nations) Tan Sri Chazali Shafie. illus Asian Def J No.1:11 Jan '82

Even greater uncertainty and danger ahead. ADM Robert L.J.Long. Pac Def Rep 8:49-50+ May '82

Fighting in Afghanistan. Lt Paul H.Vivian. illus Infantry 72:17-21 Jan-Feb '82

Leadership: Ours (U.S.) versus theirs (Soviet Union). LT Thomas A.Parker. illus US Nav Inst Proc 108:142-144 Oct '82

Manning the Soviet military. Ellen Jones. tabs Intl Sec 7:105-131 Summer '82

The military and militarism in Soviet society. Dimitri K.Simes. Intl Sec 6:123-143 Winter '81/'82

Modernization and growth of the USSR's armed forces. LtGen James A.Williams. illus map J of Elect Def 5:23-24+ Aug '82

More on Soviet marines. George Custance. illus MarCor Gaz 66:23-24 Jan '82

Political socialization in the Soviet military. Ellen Jones and Fred W.Grupp. Armed Forces & Soc 8:355-387 Spring '82

ARMED FORCES - ContinuedSoviet Union - Cont'd

Rand (Corporation): Exploit Soviet race problems. AF Times 43:6 Aug 2 '82

Soviet arms buildup threatens parity with the west. Glenn E.Wasson. illus tab Def Elect 14:62+ Jan '82

Soviet global power projection. Map only. Defense/82, pp 10-11, May '82

The Soviet logistic system: Atlas or Achilles heel of the Soviet armed forces. SqLdr C.J.Rowe. Log Spectrum 15:36-39 Winter '81

Soviet military report. Title varies. Regular feature in some issues of Defense & Foreign Affairs

Soviet order of battle. Table only. Def Elect 14:65 Jan '82

The Soviet regimental commander. Maj Donald L.Mercer. illus Mil Rev 62:33-37 Aug '82

Soviet strategic forces--the Weinberger view. G.Jacobs. illus map tabs Asian Def J No.6: 36-38+ Jun '82

Soviet tactical ASW threat in the Pacific. G.Jacobs. tabs illus Asian Def J No.8: 14-15+ Aug '82

Soviets flex rapid deployment force. James Bussert. tab illus map Def Elect 14:90-91+ Jan '82

Top leaders of the Soviet Armed Forces. Harriet Fast Scott. illus AF Mag 65:49 Mar '82

Why the Soviets can't win quickly in Central Europe. John J.Mearsheimer. maps tabs Intl Sec 7:3-39 Summer '82

Women and the Soviet military. Mary Louise O'Brien and LtCol Chris Jefferies. illus AU Rev 33:76-85 Jan-Feb '82

Organization

Continuity and change in Soviet military organization and concepts. Col William F. Scott, Ret. illus AF Mag 65:43-48 Mar '82

Organization of Soviet Armed Forces. chart AF Mag 65:50-52 Mar '82

Statistics

Soviet military build-up and organisation. (Extracted from Soviet Military Power by U.S. Defense Dept) illus maps tabs Asian Def J No.3:40-45+ Mar '82

Soviet military forces. map illus tabs Defense/82, pp 16-17, Mar '82

The Soviet Union. International Institute for Strategic Studies. tabs illus AF Mag 65: 67-70 Dec '82

ARMED FORCES - ContinuedSoviet Union - Cont'dStatistics - Cont'd

Soviet war in Afghanistan: Three years later.
G.Jacobs. illus map tabs Asian Def J No.12:
34-36+ Dec '82

The United States and the Soviet Union.
International Institute for Strategic
Studies. tabs AF Mag 65:63-66 Dec '82

Spain

Close up on Spain. The Spanish armed forces.
Fernando Ripoll Molines. illus map Mil Tech
6:68-70+ Mar '82

Organization

Close up on Spain. The Spanish armed forces.
Fernando Ripoll Molines. illus map Mil Tech
6:68-70+ Mar '82

Statistics

Spain. International Institute for Strategic
Studies. Tables only. AF Mag 65:97+ Dec '82

Sri LankaStatistics

Sri Lanka. International Institute for Stra-
tegic Studies. Tables only. AF Mag 65:132
Dec '82

SudanStatistics

Sudan. International Institute for Strategic
Studies. Tables only. AF Mag 65:115 Dec '82

SwedenStatistics

Sweden. International Institute for Strategic
Studies. Tables only. AF Mag 65:105-106
Dec '82

SwitzerlandStatistics

Switzerland. International Institute for
Strategic Studies. Tables only. AF Mag
65:106 Dec '82

SyriaStatistics

Syria. International Institute for Strategic
Studies. Tables only. AF Mag 65:115-116
Dec '82

ARMED FORCES - ContinuedTaiwan

Taiwan's armed forces. G.Jacobs. illus Asian
Def J No.10:54-59+ Oct '82

Statistics

Taiwan. International Institute for Strategic
Studies. Tables only. AF Mag 65:132 Dec '82

TanzaniaStatistics

Tanzania. International Institute for Stra-
tegic Studies. Tables only. AF Mag 65:122
Dec '82

Thailand

Asian land forces: 2--changing strategic sit-
uation in South East Asia. P.Lewis Young.
illus Asian Def J No.3:18-20+ Mar '82

Thailand, the front-line state. Hans H.Indorf.
map illus Pac Def Rep 8:36+ Apr '82

Statistics

Thailand. International Institute for Stra-
tegic Studies. Tables only. AF Mag 65:132-
133 Dec '82

TobagoStatistics

Trinidad and Tobago. International Institute
for Strategic Studies. Tables only. AF Mag
65:140 Dec '82

TrinidadStatistics

Trinidad and Tobago. International Institute
for Strategic Studies. Tables only. AF Mag
65:140 Dec '82

TunisiaStatistics

Tunisia. International Institute for Stra-
tegic Studies. Tables only. AF Mag 65:116
Dec '82

Turkey

The role of the military in Turkish society.
Maj Charles L.Stewart. illus Jt Persp
3:3-13 Summer '82

Statistics

Turkey. International Institute for Strategic
Studies. Tables only. AF Mag 65:101 Dec '82

ARMED FORCES - ContinuedUnited Arab EmiratesStatistics

United Arab Emirates (UAE). International Institute for Strategic Studies. Tables only. AF Mag 65:116 Dec '82

United States

Consequences of social science research on the U.S. military. Morris Janowitz. Armed Forces & Soc 8:507-524 Summer '82

Even greater uncertainty and danger ahead. ADM Robert L.J. Long. Pac Def Rep 8:49-50+ May '82

Is the AVF (All-Volunteer Force) too black? LtCol F.L. Jones. illus MarCor Gaz 66:69-73 Oct '82

Leadership: Ours (U.S.) versus theirs (Soviet Union). LT Thomas A. Parker. illus US Nav Inst Proc 108:142-144 Oct '82

Military reform and the art of war. Steven L. Canby. tabs Intl Sec Rev 7:245-268 Fall '82

The necessity for understanding military logistics. Fred Gluck. illus Log Spectrum 16:13-17 Spring '82

Senate staffers in Korea hit housing, life quality. AF Times 42:7 Jan 25 '82

U.S. military report. Regular feature in some issues of Defense & Foreign Affairs

Directories

Facts and figures about the Department of Defense. tabs charts illus Defense/82: entire issue Sep '82

History

Consent and the American soldier: Theory versus reality. Peter Karsten. Parameters 12:42-49 Mar '82

Organization

An armed forces staff. William G. Hanne. chart Parameters 12:53-62 Sep '82

Facts and figures about the Department of Defense. tabs charts illus Defense/82: entire issue Sep '82

Statistics

Facts and figures about the Department of Defense. tabs charts illus Defense/82: entire issue Sep '82

The United States. International Institute for Strategic Studies. tabs AF Mag 65:63-66 Dec '82

ARMED FORCES - ContinuedUnited States - Cont'dStatistics - Cont'd

The United States and the Soviet Union. International Institute for Strategic Studies. tabs AF Mag 65:63-66 Dec '82

Vietnam's threat potential to ASEAN. G. Jacobs. tabs illus map Asian Def J No.5: 16-20+ May '82

UruguayStatistics

Uruguay. International Institute for Strategic Studies. Tables only. AF Mag 65:139 Dec '82

Venezuela

Venezuela: Caribbean linchpin. Gen T.R. Milton, Ret. illus map AF Mag 65:74-77 Jun '82

Statistics

Venezuela. International Institute for Strategic Studies. Tables only. AF Mag 65:139-140 Dec '82

Vietnam

New Soviet arms for Vietnam. G. Jacobs. illus tab Pac Def Rep 9:49+ Sep '82

Statistics

Vietnam. International Institute for Strategic Studies. Tables only. AF Mag 65:133 Dec '82

Vietnam's threat potential to ASEAN. G. Jacobs. tabs illus map Asian Def J No.5: 16-20+ May '82

Warsaw Pact

MBFR (Mutual and Balanced Force Reduction). John Borawski. Natl Def 67:13-14 Dec '82

A revival for MBFR (Mutual and Balanced Force Reductions)? Stanley R. Sloan. Natl Def 67: 30-32+ Jul-Aug '82

Statistics

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 65:140-143 Dec '82

The Warsaw Pact. International Institute for Strategic Studies. illus tabs map AF Mag 65:73-76+ Dec '82

Yemen, NorthStatistics

Yemen Arab Republic (North). International Institute for Strategic Studies. Tables only. AF Mag 65:116 Dec '82

ARMED FORCES - ContinuedYemen, SouthStatistics

Yemen: People's Democratic Republic (South).
International Institute for Strategic
Studies. Tables only. AF Mag 65:116 Dec '82

YugoslaviaStatistics

Yugoslavia. International Institute for
Strategic Studies. Tables only. AF Mag 65:
106 Dec '82

ZaireStatistics

Zaire. International Institute for Strategic
Studies. Tables only. AF Mag 65:122 Dec '82

ZambiaStatistics

Zambia. International Institute for Strategic
Studies. Tables only. AF Mag 65:122 Dec '82

ZimbabweStatistics

Zimbabwe. International Institute for Stra-
tegic Studies. Tables only. AF Mag 65:122
Dec '82

ARMED FORCES COMMUNICATIONS AND ELECTRONICS
ASSOCIATION

(AFCEA) banquet address. Thomas C.Reed. illus
Signal 36:25-29 Aug '82

AFCEA C² acquisition study. Robert F.O'Dono-
hue, Jr. Signal 36:58-60 Aug '82

(AFCEA) industrial luncheon address. Richard
D.DeLauer. Signal 36:31-32 Aug '82

(AFCEA) keynote luncheon address. Cong Robert
H.Mollohan. illus Signal 36:15-18 Aug '82

(AFCEA) sustaining members' luncheon address.
ADM John G.Williams, Jr. illus por Signal
36:21-23 Aug '82

AFCEA 36th annual convention and exhibition.
Noel Layne Allen. illus Mil Tech 6:104+
Oct '82

AFCEA's third Western Conference & Exposition
(Anaheim, CA, Jan 12-14, 1982). illus
Signal 36:66-74 Feb '82

Third AFCEA/NATO symposium: NATO C³--
requirements and realism (Brussels,
Belgium, Oct 27-29, 1982). illus
Signal 37:73+ Dec '82

ARMED FORCES COMMUNICATIONS AND ELECTRONICS
ASSOCIATION - ContinuedDirectories

AFCEA officers and directors. illus Signal
37:64-66 Oct '82

AFCEA's new directors, class of 1986. illus
Signal 37:67-69 Oct '82

1982 AFCEA sustaining and group member
capabilities directory. Signal 36:66-163
Jan '82

ARMED FORCES IN EUROPE

C³CM and the European environment. MajGen
Doyle E.Larson. J of Elect Def 5:57-58+
Oct '82

ARMED SERVICES COMMITTEE--HOUSE OF REPRESENTA-
TIVES see Congress--U.S.ARMED SERVICES COMMITTEE--SENATE see Congress--
U.S.ARMORSee also

Armored Vehicles
Armored Warfare

Tungsten-base penetrators for armor-piercing
projectiles. George J.Heideman and Omer W.
Nichols. illus Natl Def 66:30-34 Apr '82

Study and Teaching

German tank gunnery. LtCol Georg K.Schulze-
Buettger. illus tab Armor 91:10-14 Mar-Apr
'82

France

Armor in French rapid assistance forces. Col
Andre L.Rilhac. illus map Armor 91:20-22
Sep-Oct '82

Germany (West)

German tank gunnery. LtCol Georg K.Schulze-
Buettger. illus tab Armor 91:10-14 Mar-Apr
'82

Soviet Union

Armoured shield of the motherland. ColGen
Yu. Potapov. illus Soviet Mil Rev No.9:
9-12 Sep '82

Soviet advanced armor officer training. Maj
William L.Howard and Andrew W.Hull. illus
Armor 91:23-25 Sep-Oct '82

Sweden

The future of Swedish armor. Brig Richard
Simpkin. illus Armor 91:11-16 Jul-Aug '82

United States

Armor conference--1982. MajGen Louis C.
Wagner, Jr. Armor 91:31-38 Jul-Aug '82

ARMOR - ContinuedUnited States - Cont'd

Armor gunnery ranges. Maj Donald B. Skipper.
Armor 91:42-43 Sep-Oct '82

Armor technology. Joseph E. Backofen, Jr.
illus Armor pt 1, 91:39-42 May-Jun '82;
pt 2, 91:35-37 Sep-Oct '82

Cavalry gets logisticians. Capt Charles S.
Fulmore. tab Army Log 14:17-19 Jan-Feb '82

Command and control in the 2d Armored Division. MajGen Richard L. Prillaman. illus
Mil Rev 62:36-43 Jul '82

Marine armor and prepositioned forces. Capts
William B. Drennan and Francis A. Schaller.
illus Armor 91:26-31 Nov-Dec '82

OPMS-EPMS Armor. Regular feature in issues of
Armor

What comes first? (The vehicle or the man?)
Capt Kenneth A. Siegel. tab Infantry 72:
36-37 Sep-Oct '82

ARMORED FORCES see Armor

ARMORED PERSONNEL CARRIERS see Armored Vehicles

ARMORED VEHICLES

See also
Tanks, Military

Adding a fourth maneuver regiment. CW2 Bryan
N. Lavender. illus MarCor Gaz 66:67-73 Mar
'82

Asian land forces: 3--Pakistan-India: Comparison of military power. G. Jacobs. illus map
tabs Asian Def J No.3:28-30+ Mar '82

Automatic cannon for lightly armored vehicles. A. Kellenberger. illus Armada Intl
6:26-28+ May-Jun '82

Battle tank design--some thoughts for the future. illus Intl Def Rev 15, No.2:171-176 '82

The Bradley versus the opposition. Capt
Gerald A. Halbert. illus tabs Armor 91:26-30
May-Jun '82

Brandt gun-mortars. R.M. Ogorkiewicz. illus
tab Intl Def Rev 15, No.2:201-204 '82

British Army Equipment Exhibition--1982. Ian
V. Hogg. illus Natl Def 67:41-44 Sep '82

British light armoured vehicles. MajGen
Rowley Mans. illus Asian Def J No.12:92-93
Dec '82

The choice of armament for light AFVs (Armored Force Vehicles). Enrico Po. illus
(Also cutaway) Mil Tech 6:30+ Feb '82

Combat vehicle identification. Norman D.
Smith and George M. Gividen. illus Soldiers
37:14-15 Feb '82

ARMORED VEHICLES - Continued

Division '86--armored combat logistics vehicles. Capt Merle D. Russ. illus Army Log
14:24-27 Jan-Feb '82

The future of Swedish armor. Brig Richard
Simpkin. illus Armor 91:11-16 Jul-Aug '82

Ground mobility in perspective. LtCol Burton
S. Boudinot, Ret. illus Armor 91:38-40 Jan-Feb '82

Leopard 2 tank. Paul-Werner Krapke. illus tab
Asian Def J No.3:58-61 Mar '82

Light armored vehicles or light armored victims? Maj John P. Gritz. illus MarCor Gaz
66:36-42 Aug '82

Light armoured vehicles--the way ahead.
MajGen R. S. N. Mans. illus RUSI J for Def
Studies 127:58-62 Sep '82

The Lizard light armoured vehicle. Intl Def
Rev 15, No.10:1453 '82

MCV80--the new British Infantry combat vehicle. R.M. Ogorkiewicz. tab illus Intl Def
Rev 15, No.6:721-726 '82

Operating the Bradley Infantry Fighting Vehicle. D.H.C. Jenkins. illus Intl Def
Rev 15, No.9:1203-1206 '82

Panga armoured reconnaissance vehicle. Mark
Hewish. illus tabs Intl Def Rev 15, No.5:
587-590 '82

Self and like vehicle recovery. SSgt Louis
Bailey. illus Army Log 14:14-16 May-Jun '82

Self propelled artillery: Past, present,
future. illus Mil Tech 6:15-16+ Aug '82

Soviet weaponry: Simple, rugged--and redoubtable. Edwin W. Besch and Ronald E. Fischer.
illus Army 32:18-24 Feb '82

Steyr armoured vehicles. R.M. Ogorkiewicz. tab
illus Intl Def Rev 15, No.4:465-470 '82

Tank-automotive news. Regular feature in
some issues of National Defense

Tanks and armoured vehicles in the market.
Col Norman L. Dodd, Ret. illus Asian Def J
No.3:52-57 Mar '82

There's a new armored war (modified by the experiences in the Iran-Iraq War and the Saharan Conflict) being fought. Michael C. Dunn. Def & For Aff 10:6-7+ Jan-Feb '82

Transportable railway loading ramp for fighting vehicles. Hasso Erb. illus Armada Intl
6:104+ Mar-Apr '82

The U.S. Army's future Light Infantry Division: A key element of the RDF. Ramon Lopez. illus Intl Def Rev 15, No.2:185-192 '82

The VTP-2 multi-role armoured vehicle from Industrias Cardoen. Daniel Prieto Vial. illus Intl Def Rev 15, No.10:1417-1419 '82

ARMORED VEHICLES - Continued

Weapons versus armor: A new approach. Clifford D. Bradley. illus tab Armor 91:22-25 Jul-Aug '82; Armada Intl 6:58+ Sep-Oct '82

Exhibitions

BAEE 82 (British Army Equipment Exhibition)-- Britain displays combat-proven army equipment. illus Intl Def Rev 15, No.8:1079-1082+ '82

British Army Equipment Exhibition '82. George Gibbs. illus Asian Def J No.8:62-64+ Aug '82

Maintenance and Repair

The future of diagnostics. Donald S. Sarna. illus Armor 91:15-18 Mar-Apr '82

Technical support of an advanced detachment. Col R. Dmitriyev. illus Soviet Mil Rev No.10:42-43 Oct '82

Organization

Division 86 maintenance platoon. Capt Daniel J. Bourgoine. illus Armor 91:37-41 Mar-Apr '82

Survivability

Armored combat vehicle technology. Newell R. Murphy, Jr. tabs illus Armor 91:20-25 Nov-Dec '82

Testing

Armored combat vehicle technology. Newell R. Murphy, Jr. tabs illus Armor 91:20-25 Nov-Dec '82

ARMORED WARFARESee also

Missiles, Antitank

The AC300 Jupiter--Luchaire's new anti-tank weapon. B. Fritz. illus tab Intl Def Rev 15, No.1:71-74 '82

The armor force in the airland battle. Maj Michael S. Lancaster. Armor 91:26-32 Jan-Feb '82

An armored task force executes a hasty attack. LtCol Harry W. McWilliams and Capt Timothy E. Donovan. illus Armor 91:13-15 Jan-Feb '82

The break-through in anti-tank warfare. Col Daniel K. Malone. illus NATO's Fifteen Nations 27:56-57+ Feb-Mar '82

The choice of armament for light AFVs (Armored Force Vehicles). Enrico Po. illus (Also cutaway) Mil Tech 6:30+ Feb '82

Dimensions of mobility. Col Andrew P. O'Meara, Jr. illus tabs Armor 91:22-25 Jan-Feb '82

Engineer combat multipliers for the maneuver force. Col James R. Whitley and others. illus tabs Mil Rev 62:43-51 Sep '82

ARMORED WARFARE - Continued

Engineer support: The key to successful mechanization. Maj Charles O. Skipper. illus tabs MarCor Gaz 66:62-67 Jan '82

Fighting the threat advance guard. Maj Richard Armstrong. illus Armor 91:35-38 May-Jun '82

The helicopter in the armored battle. Col John Everett-Heath. illus NATO's Fifteen Nations 27:54-55+ Oct-Nov '82

Killers, fillers, and fodder (our armor force versus the Soviet armor force). Thomas A. Horner. Parameters 12:27-34 Sep '82

Lessons in leadership: The legacy of Kursk (Soviet Union). Capt Ronald J. Brown. Armor 91:49-50 Jul-Aug '82

Lynx 3 joins the team. Charles Gilson. illus Intl Def Rev 15, No.7:836-838 '82

The new PANZERFAUST 3: An effective anti-tank weapon. Klaus F. Minberg. tab illus Mil Tech 6:94-95 Oct '82

On omens & oracles (on whether to dig fighting positions for tanks). Col Gerald C. Brown. tab illus Mil Rev 62:52-56 Sep '82

One-man antitank weapons. Paul A. Chadwell. illus tabs Armed Forces J Intl 120:86+ Oct '82

A realistic conventional deterrent. Daniel K. Malone. illus Natl Def 67:51-53 Jul-Aug '82

The role of the armed helicopter in NATO. LtCol Rod Canning. illus NATO's Fifteen Nations Special Issue No.2:98-100+ '81

There's a new armored war (modified by the experiences in the Iran-Iraq War and the Saharan Conflict) being fought. Michael C. Dunn. Def & For Aff 10:6-7+ Jan-Feb '82

History

The Army's Black tank battalions. 1stLt Dale E. Wilson. illus Armor 91:30-31 Mar-Apr '82

Imaginations in thrall: The social psychology of military mechanization 1919-1939. Barton C. Hacker. Parameters 12:50-61 Mar '82

A jaundiced view of tanks. MSgt R.E. Rogge, Ret. illus Armor 91:15-17 Sep-Oct '82

Sidi Bou Zid (Tunisia)--a case history of failure. Capt William R. Betson. illus Armor 91:38-44 Nov-Dec '82

Study and Teaching

Thunder in the desert. Maj Charles R. Steiner, Jr. illus Armor 91:12-18 May-Jun '82

ARMS CONTROL

See also
Disarmament

An analogy for arms control. Ian Bellamy.
tab Intl Sec 6:177-181 Winter '81/'82

Anti-satellite systems and U.S. options.
Francis X.Kane. illus Strat Rev 10:56-64
Winter '82

Arms control and security in Europe: France's
role. Jacques Huntzinger. AEI For Plcy &
Def Rev 4, No.1:32-35 '82

Arms control in the Korean peninsula. LtCol
Kim Hyon. The Andover Prize Essay. Hawk,
pp 45-53, Feb '82

Arms negotiations: Soviet path to power? John
J.Ballantine. Intl Sec Rev 6:519-532
Winter '81/'82

Can we be secure with a nuclear freeze? Gen
David C.Jones. illus tabs Defense/82,
pp 12-19, Jul '82

Control of nuclear weapons in Europe. Alex
Gliksman. illus Natl Def 66:43-49 Apr '82

Deterrence and arms control--NATO's security
policy. Friedrich Ruth. illus NATO's
Fifteen Nations 27:14-16+ Feb-Mar '82

For a just limitation and reduction of stra-
tegic armaments. MajGen Svyatoslav Kozlov,
Ret. Def Sci 2000+ 1:21 May-Jun '82

The future of East-West relations: Some
policy perspectives. Johan Jørgen Holst.
Nav War Col Rev 35:12-22 Sep-Oct '82

The future of nuclear weapons. Michael Man-
delbaum. Nav War Col Rev 35:58-79 Sep-Oct
'82

General calls advance plan U.S. myth. (Inter-
view with BrigGen Yevgeny M.Tatarnikov)
Sandro Viola. Mil Sci & Tech 2, No.1:24-26
'82

A German view of arms control and east-west
security. Heinz Schulte. illus maps tab
Intl Def Rev 15, No.10:1369-1374+ '82

The hidden message of the FY '83 defense
posture statements: The risks behind a nu-
clear arms freeze. Anthony H.Cordesman.
tabs Armed Forces J Intl 119:80+ May '82

The idea of strategic superiority. Colin S.
Gray. AF Mag 65:62-63 Mar '82

In defense of counterforce. Victor Utgoff.
Intl Sec 6:44-60 Spring '82

Intermediate range nuclear forces--problems
and perspectives. Simon Lunn. illus tabs
NATO's Fifteen Nations 27:46-48 Feb-Mar '82

MBFR (Mutual and Balanced Force Reduction).
John Borawski. Natl Def 67:13-14 Dec '82

Mutual deterrence and strategic arms limita-
tion in Soviet policy. Raymond L.Garthoff.
Strat Rev 10:36-51 Fall '82

ARMS CONTROL - Continued

Nuclear freeze: A necessary first step. Def
Monitor 11, No.7: entire issue '82

Nuclear weapons and the Atlantic Alliance.
McGeorge Bundy and others. Reprinted from
Foreign Affairs, Spring 1982. Parameters
12:79-87 Jun '82

Pentagon rebuts charges of U.S. military
weakness. Def Monitor 9, No.8A: entire
issue '81

A rational approach to nuclear disarmament.
Caspar W.Weinberger. por Defense/82,
pp 2-7, Aug '82

(Reagan administration's arms control chief,
Eugene V.Rostow). Interview. illus Natl Def
66:42+ Apr '82

Restructuring the SALT dialogue. Jane M.O.
Sharp. Intl Sec 6:144-176 Winter '81/'82

The right freeze and the wrong freeze. Edgar
Ulsamer. illus AF Mag 65:82-85 Oct '82

STARTing from reality. LtCol Frank J.Deller-
mann. AF Mag 65:74-78+ Mar '82

Seeking a consensus for the common defense.
Caspar W.Weinberger. illus Defense/82,
pp 2-8, Dec '82

The Soviet scorecard on the Reagan adminis-
tration's first year. Leon Gouré. AF Mag
65:64+ Mar '82

Space-based laser BMD (Ballistic Missile
Defense): Strategic policy and the ABM
Treaty. Keith B.Payne and Rebecca V.
Strode. Intl Sec Rev 7:269-288 Fall '82

Strategic equivalence: What is it? How do we
get it? Richard K.Betts. AU Rev 33:20-28
Nov-Dec '81

Superpower arms control and the NATO allies:
A question of interests. CDR Bruce L.
Valley. Nav War Col Rev 34:42-48 Nov-Dec
'81

Theater nuclear arms control and forward-
based systems. John Borawski. AU Rev 33:
11-19 May-Jun '82

To curb the arms race. A.Shevchenko. Soviet
Mil Rev No.9:46-48 Sep '82

Tomahawk: The implications of a strategic/
tactical mix. LT Paul G.Johnson. illus tab
US Nav Inst Proc 108:26-33 Apr '82

Toward a decision on ballistic missile de-
fense. Sen Pete V.Domenici. illus por Strat
Rev 10:22-27 Winter '82

The United States and the Soviet Union. illus
tab Asian Def J pt 1, No.12:37-38+ Dec '81;
pt 2, Asia and Australasia. No.1:12-15+ Jan
'82

U.S. strategic buildup can deter Soviet
supremacy. Sen David L.Boren. tab Intl Sec
Rev 6:411-436 Winter '81/'82

Western deterrence: Posture and rationale.
GpCapt R.A.Mason. AU Rev 33:2-10 May-Jun
'82

ARMS CONTROL - ContinuedHistory

Early thoughts on controlling the nuclear arms race--a report to the Secretary of State, January 1953. McGeorge Bundy. Intl Sec 7:3-27 Fall '82

ARMS INDUSTRY AND TRADE

Defence industry newsbriefs. Regular feature in issues of Asian Defence Journal

Industrial periscope: A business, technological & scientific news bulletin. Regular feature in some issues of NATO's Fifteen Nations

MILTECH news. Regular feature in some issues of Military Technology beginning with February 1982

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

The new defence: The consequences of a credible conventional deterrent on NATO industry-to-industry cooperation. Vitalij Garber. illus tabs NATO's Fifteen Nations Special Issue No.1:64-68 '82

Africa, West

On the edge of dynamism: West Africa begins to define its strategic needs. Michael C. Dunn. Def & For Aff 10:6-7+ Sep '82

Argentina

Performance under pressure: Defense production in the southern cone (Argentina and Chile). Jacquelyn S.Porth and Gregory Copley. Def & For Aff 10:12-13+ Aug '82

Chile

Performance under pressure: Defense production in the southern cone (Argentina and Chile). Jacquelyn S.Porth and Gregory Copley. Def & For Aff 10:12-13+ Aug '82

Germany (West)

Sturm und drang--West Germany's power transition means strategic changes ahead. Col Robert Jarman. illus Def & For Aff 10:10-12 Nov '82

Great Britain

Selling Britain's battle-proven wares in the post-Falklands era. LtCol Robert Jarman. Ret. illus Def & For Aff 10:30-33 Aug '82

Italy

Italy's growth as a major defense industrial power. Dennis Culkin. illus Def & For Aff 10:21-24 Oct '82

Shake-up in the Italian naval industry. R.J.L. Dicker. illus Intl Def Rev 15, No.4:437-448 '82

ARMS INDUSTRY AND TRADE - ContinuedNigeria

On the edge of dynamism: West Africa begins to define its strategic needs. Michael C. Dunn. Def & For Aff 10:6-7+ Sep '82

Singapore

Operation Doberman: The Singapore armaments story. Laurence Hartnett. illus Pac Def Rep 8:10-12+ Apr '82

Spain

Close up on Spain. The Spanish defence industry. M.Ramirez Gabarrus. illus Mil Tech 6: 86-89+ Mar '82

United States

Northrop--the daring innovator. Keith Dunstan. illus Pac Def Rep 9:17+ Aug '82

U.S. strategies for industrial growth and western security. Robert E.McGarrah. Parameters 12:62-70 Dec '82

ARMS RACE

An analogy for arms control. Ian Bellany. tab Intl Sec 6:177-181 Winter '81/'82

The arms-oil connection--fueling the arms race. Avi Beker. Armed Forces & Soc 8: 419-442 Spring '82

Barry Goldwater and the military balance: A warning to President Reagan. Anthony H. Cordesman. tabs Armed Forces J Intl 119:88+ May '82

The bombing of Osiraq (nuclear facility)--revisited. Shai Feldman. Intl Sec 7:114-142 Fall '82

A decade of accelerated technology. Stefan T. Possony. illus Def & For Aff 10:6-9 Apr '82

Early thoughts on controlling the nuclear arms race--a report to the Secretary of State, January 1953. McGeorge Bundy. Intl Sec 7:3-27 Fall '82

Inadvertent nuclear war? Escalation and NATO's Northern Flank. Barry R.Posen. map Intl Sec 7:28-54 Fall '82

Managing nuclear multipolarity. John J.Weltman. Intl Sec 6:182-194 Winter '81/'82

Pentagon rebuts charges of U.S. military weakness. Def Monitor 9, No.8A: entire issue '81

The security policy options for non-Communist Europe. Maj-Gen Jochen Löser, Ret. illus tabs Armada Intl 6:66-68+ Mar-Apr '82

Soviet military power: Questions and answers. Def Monitor 11, No.1: entire issue '82

Still trying to close the window. Ean Higgins. illus Pac Def Rep 9:28-30 Aug '82

To curb the arms race. A.Shevchenko. Soviet Mil Rev No.9:46-48 Sep '82

ARMS SALES

AWACS and other Mideast arms. Jim Bussert. illus tabs map Mil Elect/Countermeasures 8:34+ Jan '82

(Acting Deputy Under Secretary of Defense, Everett D. Greinke) "I don't think anybody really intended to have a one-to-one balance of purchases both ways." Interview. Deborah G. Meyer and Benjamin F. Schemmer. illus Armed Forces J Intl 120:66+ Sep '82

The arms-oil connection--fueling the arms race. Avi Beker. Armed Forces & Soc 8: 419-442 Spring '82

Arms transfer tables. Regular feature in issues of Defense & Foreign Affairs

The case for the F-5G "export" fighter. Keith Shreves. tab illus Asian Def J No. 10:33+ Oct '82

Dangerous business. Col Yu. Basistov. Soviet Mil Rev No. 9:44-45 Sep '82

Defense trends. Regular feature in issues of Air Force Times beginning with February 15, 1982

FMS, Farnborough, and the Falklands fallout: New developments in overseas arms sales. Desmond Wettern. illus Sea Power 25:56-58+ Oct '82

How exocet sank the HMS Sheffield. David M. Russell. illus Def Elect 14:38+ Jul '82

Latin American navies. Robert L. Scheina. map illus US Nav Inst Proc 108:30-34 Mar '82

Naval construction in Italy on the eve of the Mostra Navale. illus Armada Intl 6:48+ Mar-Apr '82

New directions and new problems for arms transfers policy. David J. Louscher and Michael D. Salomon. tabs Nav War Col Rev 35:40-47 Jan-Feb '82

New guidelines for German arms exports. Mil Tech 6:102+ Aug '82

A new look for FMS (Foreign Military Sales). L. Edgar Prina. illus tabs Sea Power 25: 56-58+ Apr '82

New marketing trend at Genoa's Mostra Navale. Antonio Ciampi. illus Pac Def Rep 8:17-20 Apr '82

New Soviet arms for Vietnam. G. Jacobs. illus tab Pac Def Rep 9:49+ Sep '82

Nonsale of F-5Gs to Taiwan could shape future arms policy. Bud Andrews. AF Times 42:3 Jan 25 '82

Plus ça change, plus c'est la même chose (directions of French international arms sales and policy under Mitterand government). Michael C. Dunn. illus Def & For Aff 10:8-9+ May '82

Russia's client navies continue to grow. A.W. Grazebrook. illus tab Pac Def Rep 8:34-35 Apr '82

ARMS SALES - Continued

The Saudi AWACS: Fact and fiction surrounding the military issues. Maj Michael A. Nelson. illus Jt Persp 3:38-47 Summer '82

Saudi AWACS: The oppositions view. illus Asian Def J No. 1:47-48 Jan '82

Security assistance--helping others help us. Andrew K. Semmel. illus tabs Defense/82, pp 11-20, Nov '82

Selling Britain's battle-proven wares in the post-Falklands era. LtCol Robert Jarman. Ret. illus Def & For Aff 10:30-33 Aug '82

Soviet weaponry used in war reflects size of commitment. Capt Robert B. Adolph, Jr. illus Army 32:24-27+ Aug '82

Sturm und drang--West Germany's power transition means strategic changes ahead. Col Robert Jarman. illus Def & For Aff 10: 10-12 Nov '82

Taiwan and the F-5G denial. tab illus Asian Def J No. 4:36-37 '82

Tanks and armoured vehicles in the market. Col Norman L. Dodd, Ret. illus Asian Def J No. 3:52-57 Mar '82

Trends in American arms transfers. Alex Gliksman. illus tabs Natl Def 67:34-37+ Oct '82

The U.S. Navy: Selling (and buying) abroad. Norman Polmar. tabs illus US Nav Inst Proc 108:213-215+ May '82

U.S. strategies for industrial growth and western security. Robert E. McGarrah. Parameters 12:62-70 Dec '82

U.S. weapons exports headed for record level. Def Monitor 11, No. 3: entire issue '82

What kinds of arms for Taiwan? Col Angus M. Fraser, Ret. Strat Rev 10:76-81 Fall '82

ARMSTRONG, Harry G.

Development of the U.S. Army Corps shoulder harness. MajGen Harry G. Armstrong, Ret. MAC Flyer 29:7 Nov '82

ARMSTRONG, William L.

Detente's dead giveaway. Sen William L. Armstrong. Sergeants 20:12-13 Apr '82; illus Officer 58:30-31 Jun '82

Technology trade policy with the Communist block. Sen William L. Armstrong. Signal 37:39-41 Oct '82

ARMYSee also

Armor Infantry
Artillery
 also subdivision under specific subjects,
 e.g.,
Education and Training--Army--U.S.

ARMY - ContinuedCorps, Divisions, etc

See also
Transportation Units--Army

United States

See also
Army Corps of Engineers

All-Black Guard Infantry regiments leave mark on military history. illus Natl Guard 36:17-18 May '82

(Army) Western Command. Army 32:224 Oct '82

The battalion commander: Linkpin in battle-field success. Maj Joseph J. Angsten, Jr. illus Mil Rev 62:29-35 Mar '82

Combat communications within the corps. Mendy Erad. illus Armada Intl (Special Issue I) 6:42-48 May-Jun '82

Command and control in the 2d Armored Division. MajGen Richard L. Prillaman. illus Mil Rev 62:36-43 Jul '82

The DS battalion TOC (Tactical Operations Center) and TACFIRE. Capt Forrest G. Clark. illus tabs Fld Arty J 50:42-44 May-Jun '82

Division 86 maintenance platoon. Capt Daniel J. Bourgoine. illus Armor 91:37-41 Mar-Apr '82

Interoperability works. LtGen Eugene P. Forrester. illus Infantry 72:6-8 Jan-Feb '82

"Lightning look"--intelligence interoperability. Maj Robert W. Noonan, Jr. illus Mil Rev 62:43-51 Jan '82

Lineage and honors--7th Air Defense Artillery. Air Def Mag, pp 41-44, Jan-Mar '82

Major combat units of the U.S. Army. maps Army 32:214-216 Oct '82

Putting the air assault in the air assault division. LtCol Barry J. Sottak and Maj Charles B. Cook. illus USA Avn Dig 28:10-15 May '82

The unit: The military member draws strength and confidence from a stable unit. Gen E.C. Meyer. illus por Defense/82, pp 2-9, Feb '82

United States--History

The Army's Black tank battalions. 1stLt Dale E. Wilson. illus Armor 91:30-31 Mar-Apr '82

United States--Organization

Force modernization--doctrine, organization and equipment. LtCol Lawrence M. Jackson II. illus Mil Rev 62:2-12 Dec '82

The mechanized infantry battalion task force in the airland battle. LtCol Jimmy Griffis and others. tab Infantry 72:21-24 Jul-Aug '82

Mission first (9th Cavalry Brigade (Air Attack)). Col Thomas H. Harvey, Jr. illus USA Avn Dig 27:40-45 Dec '81

ARMY - ContinuedAustralia

The Australian armed forces--No. 1: The Army. Pac Def Rep 8:207+ Dec '81/Jan '82

Electronic warfare--the year in retrospect. C.G. Heath. Pac Def Rep 8:239-241 Dec '81/Jan '82

General (P.H.) Bennett on the Army's strengths and weaknesses. T.B. Millar. Interview. illus Pac Def Rep 9:29-30+ Oct '82

Equipment

Project Raven (tactical communications system) takes off. Lionel Hudson. illus Pac Def Rep 9:55+ Oct '82

France

Elite selection in the French Army officer corps. François Cailloteau. tabs Armed Forces & Soc 8:257-274 Winter '82

Germany (West)

Indispensable partner (Federal Republic of Germany). LtGen Eberhard Burandt. illus NATO's Fifteen Nations Special Issue No. 2:54+ '81

Great Britain

British Army Equipment Exhibition 1982. tab illus Mil Tech 6:51-52+ Oct '82

The British Army in May 1940--a comparison with the BEF (British Expeditionary Force) 1914. MajGen E.K.G. Sixsmith. RUSI J for Def Studies 127:8-10 Sep '82

British land forces: The future. Gen Sir Edwin Bramall. illus RUSI J for Def Studies 127:17-22 Jun '82

India

India's defence perspectives and the armed forces. Pushpinder Singh. illus Asian Def J No. 10:12-14+ Oct '82

IndonesiaStatistics

The Indonesian Armed Forces: ABRI (Angkatan Bersenjata Republik Indonesia)--a new image for the '80s. Khalid Abdullah. illus tabs Asian Def J No. 5:36-38+ May '82

Korea (North)

Korea: Force imbalances and remedies. Donald R. Cotter and N.F. Wikner. illus tabs Strat Rev 10:63-70 Spring '82

Korea (South)

Interoperability works. LtGen Eugene P. Forrester. illus Infantry 72:6-8 Jan-Feb '82

Korea: Force imbalances and remedies. Donald R. Cotter and N.F. Wikner. illus tabs Strat Rev 10:63-70 Spring '82

ARMY - ContinuedMalaysia

Women in the Malaysian Army. S.Thana. illus Asian Def J No.6:50-53 Jun '82

N A T O

The defence of the Northern German plain. Gen Michael Gow. illus NATO's Fifteen Nations Special Issue No.2:34-36 '81

The short cut. (NATO's Central Army Group (CENTAG)) Gen Frederick J.Kroesen. illus map NATO's Fifteen Nations Special Issue No.2:40+ '81

Netherlands

The Netherlands. illus maps tabs NATO's Fifteen Nations 27: Special Marketing Supplement following Jun-Jul '82

The Royal Netherlands Army today. LtCol A.J. van Vuren. map illus tabs Mil Rev 62:13-28 Apr '82

Pakistan

Pakistan: New arms purchases. illus Asian Def J No.7:29 Jul '82

Philippines

The Armed Forces of the Philippines: Security through development in the 1980s. Khalid Abdullah. illus Asian Def J No.6:20-22+ Jun '82

Poland

Poland's crises: Impact on the Warsaw Pact. Günther Wagenlehner. illus NATO's Fifteen Nations 27:70+ Jun-Jul '82

Soviet Union

The continuing evolution of the Soviet ground forces. Donald L.Madill. illus Mil Rev 62: 52-68 Aug '82

Soviet artillery: Determined to dominate the battlefield. LtCol William P.Baxter, Ret. illus Army 32:57-59 Apr '82

History

Stalin's postwar army reappraised. Matthew A. Evangelista. tabs Intl Sec 7:110-138 Winter '82/'83

Switzerland

The Swiss Army's demolition concept. illus Armada Intl 6:80+ Jul-Aug '82

TaiwanStatistics

Taiwan's armed forces. G.Jacobs. illus Asian Def J No.10:54-59+ Oct '82

Turkey

The extended flank--report on Turkey. Frederick Bonnard. illus NATO's Fifteen Nations 27:36-37+ Jun-Jul '82

ARMY - ContinuedUnited StatesSee also

Army Communications Command
Army Health Services Command
Army Intelligence and Security Command
Army Materiel Development and Readiness Command
Army Mobility Equipment Research and Development Command
Military Traffic Management Command
Training and Doctrine Command
Transportation Corps

AFMCO (Army Force Modernization Coordination Office)--where it all comes together. MajGen Vincent E.Falter. illus tab Army 32:182-185 Oct '82

Army--a force bred to fight. Gen E.C.Meyer. illus tab Defense/82, pp 2-9, Apr '82

Army communications for the 1990s. James E.Soos. illus Mil Elect/Countermeasures 8:50+ Jan '82

The Army joins the computer revolution. William Bogie. illus Natl Def 67:48-50 Jul-Aug '82

"The basic issue is to deter conflict." Interview. por illus Mil Tech 6:21-22+ Oct '82

Brighter horizons for a U.S. Army in transition. Benjamin F.Schemmer. illus tabs Armed Forces J Intl 120:38+ Oct '82

Conflict in the ether: Disrupt, delay, destroy. Eric C.Ludvigsen. illus Army 32:22-24+ Jun '82

David vs Goliath. Ernest Volkman. illus Mil Sci & Tech 2:32-36 '82

Deadly comparisons (identifies units with good maintenance management programs and those that need command attention). LtCol Kenny W.Whitley. tabs Army Log 14:35-37 Nov-Dec '82

Effects of role multiplicity on U.S. Army personnel. M.C.Devilbiss and Carolyn C. Perrucci. tabs J Pol & Mil Sociol 10:1-13 Spring '82

Electrical reduction in Army facilities. Larry M.Windingland. tabs Mil Engr 74:148-150 Apr '82

Five keys to an effective land force. John O. Marsh, Jr. illus Army 32:10-14 Oct '82

The heavy/light concept. MajGen Jack Galvin. illus Armed Forces J Intl 119:66+ Jul '82

How does the DA (Department of the Army) work . . . really? Tom Kiddoo. illus Soldiers 37:28-30 Apr '82

How the Army crosses its bridges. Wayne A. Stroupe and Hugh L.Green. illus Mil Engr 74:214-216 May-Jun '82

ARMY - ContinuedUnited States - Cont'd

It's time to assign one of two missions to each of the U.S.' two large "armies."
BrigGen Philip L. Bolte. illus Armed Forces J Intl 119:65+ Jan '82

Logistics posture of the Army. Army Log 14: 8-11 Jul-Aug '82

Major combat units of the U.S. Army. maps Army 32:214-216 Oct '82

Moving ammunition for the Army of the future. Bruce P. Schoch. illus Natl Def 66:35-38+ Apr '82

1981 productive year; challenges remain. illus Officer 58:19-21 Mar '82

(1982 Green Book: Status reports, command and staff directory, weapons directory. illus Army 32: entire issue Oct '82

Pride in service. Sgt1C Norman Oliver. illus Soldiers 37:6-9 Oct '82

Problems inherent in the Army C³ system. John Greenhill. Mil Elect/Countermeasures 8:26+ Jan '82

Rangers and recon Marines. Capt Walter F. McTernan III. Infantry 72:20-22 May-Jun '82

Secretary of the Army. LtCol Wade W. LaDue. Interview. illus por Soldiers 37:6-7 Jun '82

A talk with the (U.S. Army) chief (of staff). Interview. Gen Edward C. Meyer. por illus Army 32:16-20+ May '82

Time of transition; a focus on quality. Gen Edward C. Meyer. illus Army 32:18-24 Oct '82

The U.S. Army: An overview. illus Mil Tech 6:15-16+ Oct '82

U.S. Army conventional armament program build-up. Wolfgang Flume. illus Mil Tech 6:84+ Feb '82

The U.S. Army today: People and equipment--not enough of either. Phil Stevens. illus tab Sea Power 25:107-108+ Apr '82

Winning the airland battle 2000. Judith C. Anspacher. illus Mil Elect/Countermeasures 8:47-50 Jul '82

History

The Jasper Greens. Bob E. Goodenough. illus Fld Arty J 50:47-49 Nov-Dec '82

John McAuley Palmer and the Reserve components. Jonathan M. House. Parameters 12: 11-18 Sep '82

Logistics problems of the Cuban Campaign (of 1898). Capt Dale M. Rhodes. illus Army Log 14:28-32 May-Jun '82

The militia of the United States: An analysis. John M. Lane. illus Mil Rev 62:12-18 Mar '82

The total Army. Danny M. Johnson. illus Army 32:236-244 Oct '82

ARMY - ContinuedUnited States - Cont'dOrganization

Cavalry gets logisticians. Capt Charles S. Fulmore. tab Army Log 14:17-19 Jan-Feb '82

Developing and introducing the new manning system. Maj L. Erick Ohlsson. illus Fld Arty J 50:24-27 Nov-Dec '82

FORSCOM (Forces Command) hones as it modernizes. Gen Richard E. Cavazos. illus Army 32: 34-39 Oct '82

Unit comes first in new manning system. Col B. I. Legge and LtCol Michael A. Andrews. illus Army 32:198-201+ Oct '82

The U.S. Army: An overview. illus Mil Tech 6:15-16+ Oct '82

ARMY, 6th

USAR aviation in the Sixth U.S. Army. LtCol Terence M. Henry. USA Avn Dig 27:9-10 Dec '81

ARMY, 8th

U.S.-ROK observe milestone--partners in arms, century-old friends. Gen Robert W. Sennewald. illus Army 32:82-85+ Oct '82

Directories

Eighth U.S. Army. Army 32:227 Oct '82

ARMY, EUROPE

Command in Europe. Capt Robert L. Maginnis. Infantry 72:22-26 Sep-Oct '82

(Gen Frederick J.) Kroesen: Overseas housing 'No. 1 peacetime problem.' Tom Philpott. Interview. AF Times 43:14 Jul 26 '82

POMCUS (Prepositioning Of Materiel Configured in Unit Sets): Feasibility or flaw? Moving thousands of troops to dozens of sites to draw equipment. Col W. D. McGlasson, Ret. illus Natl Guard 36:19-22 Apr '82

Spanning the logistics gulf--DARCOM--Europe. BrigGen Lynn H. Stevens. Army Log 14:19-21 Nov-Dec '82

U.S. Army, Europe: 'Deterrent power real.' Gen Frederick J. Kroesen. illus Army 32: 70-73+ Oct '82

Directories

U.S. Army, Europe. Army 32:226-227 Oct '82

ARMY, JAPANDirectories

U.S. Army, Japan. Army 32:227 Oct '82

ARMY AIR DEFENSE SCHOOL

Scope and nature of the ADA (Air Defense Artillery) Officer Basic Course. 1stLt Robert H. Sellman III. illus Air Def Mag, pp 32-34, Jan-Mar '82

ARMY AND AIR FORCE EXCHANGE SERVICE see Exchanges--Air Force--U.S.; Exchanges--Armed Forces--U.S.; Exchanges--Army--U.S.

ARMY ARMAMENT MATERIEL READINESS COMMAND

Ready response to a surge: New contracting techniques. George T. Nickolas. Def Mgt J 18:34-39 First Quarter '82

ARMY ARTILLERY AND MISSILE SCHOOL see Army Field Artillery School

ARMY AVIATION

The fighter/interceptor helicopter--a concept for today and tomorrow. Maj Frank E. Babiasz. illus USA Avn Dig 28:30-32 Jan '82

United States

Air assault division logistics. Col Albert B. Luster. illus Army Log 14:2-6 Sep-Oct '82

Arming the aeroscout. Col Robert S. Fairweather, Jr. illus USA Avn Dig 28:45-47 Feb '82

Armor aviation. Capt Thomas H. Trant. illus Armor 91:26-29 Mar-Apr '82

(Army aircraft mishaps)--telling it like it is. USA Avn Dig 28:16-19 Jan '82

Army aviation--a partner in the space program. Betty J. Goodson. illus USA Avn Dig 28:22-23 Jan '82

Army aviation: An insider's view. Capt Kevin G. Scherrer. Infantry 72:7-9 Sep-Oct '82

Army aviation systems program review '82. MajGen Carl H. McNair, Jr and Capt Josef Reinsprecht. illus por USA Avn Dig pt 1, 28:38-44 Jun '82; pt 2, Concepts, doctrine and tactics panel. 28:8-13 Jul '82; pt 3, Organization and force structure panel. 28:36-39 Sep '82; pt 4, The training panel. 28:2-8 Oct '82; pt 5, The materiel panel. 28:9-13 Oct '82

Army Aviation: The combat multiplier. Maj Donald L. Trent. illus Infantry 72:18-21 Mar-Apr '82

Army helicopters: The debate goes on. Gregg Easterbrook and LtGen Harry W.O. Kinnard, Ret. por Armed Forces J Intl 119:24-25 Aug '82

Army helicopters: Why? LtGen Harry W.O. Kinnard, Ret. illus por tab Armed Forces J Intl 119:58+ May '82

Army Reserve aviation today. MajGen William R. Berkman. illus por USA Avn Dig 27:2-5 Dec '81

The Attack Helicopter School and Center of the future. Col David L. Funk. illus USA Avn Dig 28:2-8 Apr '82

ARMY AVIATION - ContinuedUnited States - Cont'd

Battle line the sky. Maj Mark A. Ison. illus USA Avn Dig 28:6-8 Sep '82

CH-47 operations in Central & South America. Capt Dennis Patrick and others. illus USA Avn Dig 28:9-11 Sep '82

CMF (Career Management Field) 67 update. Capt Charles N. Avery. illus USA Avn Dig 28:22-23 Oct '82

Chopper pilots. MSgt Mike Mason. illus Soldiers 37:9-13 Feb '82

Department of the Army Aviation update. Regular feature in some issues of United States Army Aviation Digest

Developing a training program for Army aviators. Maj William T. Carter. illus USA Avn Dig 28:28-29 Jan '82

Dustoff Panama. Maj Bruce G. Furbish. illus USA Avn Dig 28:38-39 Nov '82

FORSCOM's role in USAR aviation. Maj Ronald R. Tamaccio. illus USA Avn Dig 27:6-8 Dec '81

JAAT (Joint Air Attack Team): A present concept. Maj William J. Filippini and Capt David S. Prewitt. illus USA Avn Dig 28:2-7 Nov '82

Knights train for the night. Maj Frank L. Carson and CW3 Owen D. Scruggs. illus USA Avn Dig 28:3-5 Sep '82

A lieutenant's guide to the aviation warrant officer. 1stLt Ronald M. Buffkin. illus USA Avn Dig 28:28-30 Sep '82

Maintenance, Latin American style. Capt G.D. Muse. illus USA Avn Dig 28:12-13 Sep '82

Mission first (9th Cavalry Brigade (Air Attack)). Col Thomas H. Harvey, Jr. illus USA Avn Dig 27:40-45 Dec '81

1981 U.S. Army Aviation Training Symposium/policy committee meeting. Maj Kirk M. Knight and Robert L. Ledbetter. USA Avn Dig 28:22-24 Apr '82

Putting the air assault in the air assault division. LtCol Barry J. Sottak and Maj Charles B. Cook. illus USA Avn Dig 28:10-15 May '82

USAR aviation in the Sixth U.S. Army. LtCol Terence M. Henry. USA Avn Dig 27:9-10 Dec '81

What's in the Army's arsenal of aircraft? Deborah G. Meyer. illus Armed Forces J Intl 119:36-37+ May '82

The wishing well--or what I hope is going on in Army aviation. Gen Hamilton H. Howze, Ret. illus por USA Avn Dig 28:2-5 Feb '82

Where are the experienced Army aviators? Rush Wicker. illus USA Avn Dig 27:11-12 Dec '81

Who's going to teach aviators how to fight? LtCol James W. Lloyd. illus USA Avn Dig 28:6-9 Feb '82

ARMY AVIATION - ContinuedUnited States - Cont'dHistory

A different frontier: Aviation, the Army Air Forces, and the evolution of the sunshine belt. Gilbert S. Guinn. illus maps Aerosp Hist 29:34-45 Mar '82

Forty years of Army Aviation. BrigGen William W. Ford, Ret. illus USA Avn Dig pt 1, Grasshoppers. 28:2-10 Jun '82; pt 2, Building a training program. Richard K. Tierney. 28:23-36 Jul '82; pt 3, Combat. 28:19-32 Aug '82; pt 4, Armed helicopters. 28:31-35 Sep '82; pt 5, Policies and organizations. 28:28-35 Oct '82

Remembering the C-109. Eugene J. Millikin. map illus Am Avn Hist Soc J 26:272-278 Winter '81

Organization

How long can we fight? Maj Charles R. Poulton II. USA Avn Dig 28:9-11 Apr '82

Study and Teaching

Preparing the combat aviator. Maj Julian T. Marsh. illus Mil Rev 62:29-39 May '82

ARMY AVIATION CENTERS AND SCHOOLS

Army Aviation: The combat multiplier. Maj Donald L. Trent. illus Infantry 72:18-21 Mar-Apr '82

The Attack Helicopter School and Center of the future. Col David L. Funk. illus USA Avn Dig 28:2-8 Apr '82

FAIP (First Assignment Instructor Pilot)--an acronym that has to be earned. 1stLts Edward F. Schauburger and Jeffrey S. Alderfer. illus USA Avn Dig 28:26-27 Jan '82

Who's going to teach aviators how to fight? LtCol James W. Lloyd. illus USA Avn Dig 28:6-9 Feb '82

ARMY AVIATION RESEARCH AND DEVELOPMENT COMMAND

USAAEFA (U.S. Army Aviation Engineering Flight Activity) tests help ensure readiness. Betty J. Goodson. illus USA Avn Dig 28:38-41 Oct '82

ARMY COMBAT SURVEILLANCE AND ELECTRONIC WARFARE SCHOOL see Education, Technical--Army--U.S.ARMY COMMUNICATIONS COMMANDDirectories

(Army) Communications Command. Army 32:225 Oct '82

ARMY COMPUTER SYSTEMS COMMANDDirectories

(Army) Computer Systems Command. Army 32:225 Oct '82

ARMY CORPS OF ENGINEERS

Army engineers: Professionalism and integrity. LtGen J.K. Bratton. chart illus tabs por Mil Engr 74:4-8 Jan-Feb '82

Computer-aided engineering and architectural design. Janet Spoonamore and others. illus tabs Mil Engr 74:140-147 Apr '82

Developing active duty Army PE's (Professional Engineers). Capt Kenneth W. Cargill. illus Mil Engr 74:448-450 Nov-Dec '82

R&D in the Corps of Engineers: Supporting the Army and the nation. J. Choromokos, Jr and Col M.I. Kovel. illus Mil Engr 74:194-196 May-Jun '82

The river and the New Orleans District. Routh Trowbridge Wilby. illus Mil Engr 74:222-224 May-Jun '82

Training electrical professionals: A top priority in the Corps of Engineers. William E. DeWitt. illus Mil Engr 74:462-464 Nov-Dec '82

Directories

(Army) Corps of Engineers. Army 32:225-226 Oct '82

ARMY FIELD ARTILLERY SCHOOL

The Four Day War: TCADD's response to field commanders. Capt Steve Boyer. illus Fld Arty J 50:18-20 Jan-Feb '82

View from the blockhouse. (Notes from the Army Field Artillery School) Regular feature in issues of Field Artillery Journal

ARMY FINANCE AND ACCOUNTING CENTER

Prospects good for a great leap forward in Army finance and accounting. John Cooley and Clyde Jeffcoat. illus Armed Forces Compt 27:44-46 Winter '82

ARMY GENERAL STAFFDirectories

(Army) command and staff (1982 directory). illus Army 32:219-222 Oct '82

ARMY HEALTH SERVICES COMMANDDirectories

(Army) Health Services Command. Army 32:226 Oct '82

ARMY INTELLIGENCE AND SECURITY COMMANDDirectories

Army Intelligence and Security Command. Army 32:225 Oct '82

ARMY MATERIEL COMMAND see Army Materiel Development and Readiness Command

ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND

See also subcommands by name, e.g.,
Missile Command
Test and Evaluation Command

(Armed Forces materials support). charts
Natl Def 66:35-51 Jan '82

DARCOM welcomes the challenge--readiness,
innovation, efficiency. Gen Donald R. Keith.
illus Army 32:58-61+ Oct '82

Spanning the logistics gulf--DARCOM--Europe.
BrigGen Lynn H. Stevens. Army Log 14:19-21
Nov-Dec '82

Directories

Materiel Development and Readiness Command.
Army 32:223 Oct '82

ARMY MILITARY PERSONNEL CENTER

Historical MILPERCEN site. Capt Peter C.
Eisen. illus Fld Arty J 50:43-45 Sep-Oct '82

ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT
COMMAND

Developing railroad hardware at MERADCOM.
Marcia Boynton. illus Translog 13:17-19
Jan '82

Do combat engineers have a future? Col
Theodore Vander Els. illus Mil Engr 74:
202-205 May-Jun '82

ARMY POSTSUnited States

Army posts are entered by name and location
as given by the U.S. Organization Chart Ser-
vice's U.S. Military and Government Installa-
tion Directory.

Directories

Guide to military installations in the U.S.
illus maps AF Times, Times Magazine sup:
entire issue Apr 5 '82

Fort Bliss, TX

Maneuver training areas--an endangered
species? Blair Case. illus Air Def Mag,
pp 31-34, Apr-Jun '82

Fort Polk, LA

You ought to see me now (Fort Polk, LA).
SSgt Victoria Mouze. illus Soldiers 37:
32-35 Sep '82

Fort Sam Houston, TX

Energy engineering for a town-sized military
base. Karl E. Scheuch. illus tabs Mil Engr
74:274-278 Jul-Aug '82

Fort Tusi, NV

The Attack Helicopter School and Center of
the future. Col David L. Funk. illus USA
Avn Dig 28:2-8 Apr '82

ARMY STRATEGIC COMMUNICATIONS COMMAND see
Army Communications CommandARMY TEST AND EVALUATION COMMAND see Test and
Evaluation CommandARMY TRAINING AND DOCTRINE COMMAND see
Training and Doctrine CommandARMY TRAINING AND EVALUATION PROGRAM

MOUT (Military Operations on Urbanized
Terrain) ARTEP (Army Training and Evalua-
tion Program). illus Soldiers 37:34-36
Mar '82

On the move. MajGen Edward A. Dinges. illus
Fld Arty J 50:1 Jan-Feb '82

ARNOLD, Henry D.

NAVELEX commander cites progress in C3, ELF,
and JTIDS. Interview. RADM Henry D. Arnold.
por chart Def Elect 14:51-52+ Apr '82

ARNOLD, Henry H.

The pioneer plan for air war. DeWitt S. Copp.
AF Mag 65:74-78 Oct '82

ARNOLD ENGINEERING DEVELOPMENT CENTER

Testing TAC's hardware. Fred Leo. illus TAC
Attack 22:4-7 Jan '82

Wind tunnel gets go ahead, but no funding.
John Ginovsky. AF Times 42:13 Jan 25 '82

ARTILLERYSee also

Guns
Mortars

Army

Artillery multiple rocket systems: Efficient,
cheap, reliable. illus Mil Tech 6:43-44+
Jul '82

New European artillery consortium produces
155mm 'super weapon.' R.D.M. Furlong. illus
Intl Def Rev 15, No. 6:753-754 '82

Army--N A T O

Conventional artillery in the Central Region.
Col Daniel Limburg. illus NATO's Fifteen
Nations Special Issue No. 2:105-109 '81

The SP70 self-propelled 155mm howitzer.
Raimund Germershausen and Heiko U. Gropp.
illus tab Intl Def Rev 15, No. 6:777-780
'82

Army--Soviet Union

Soviet artillery: Determined to dominate the
battlefield. LtCol William P. Baxter, Ret.
illus Army 32:57-59 Apr '82

The wind of change in Soviet artillery.
C.N. Donnelly. illus tabs Intl Def Rev 15,
No. 6:737-744 '82

ARTILLERY - ContinuedArmy--U.S.

Habitual association: Redefining the concept of air defense artillery. Capt Al Landry. Air Def Mag, pp 8-10, Jul-Sep '82

TACEVAL (Tactical Evaluation) . . . Pershing's ARTEP. LtCol Myron F.Curtis. illus Fld Arty J 50:50-51 Sep-Oct '82

Army--Warsaw Pact

Conventional artillery in the Central Region. Col Daniel Limburg. illus NATO's Fifteen Nations Special Issue No.2:105-109 '81

Europe, CentralHistory

Conventional artillery in the Central Region. Col Daniel Limburg. illus NATO's Fifteen Nations Special Issue No.2:105-109 '81

Marine Corps--U.S.

Artillery survival on the modern battlefield. Maj A.F.Mazzara and Capt Robert Wolf. illus MarCor Gaz 66:60-68 Apr '82

ARTILLERY, ANTI-AIRCRAFT

DARDO close-range anti-missile defence system. Enrico Po. illus (Also cutaway) NATO's Fifteen Nations 27:60-63 Feb-Mar '82

DIVAD to shield U.S. Army divisions from air attack. Felix Müller. illus tabs Armada Intl 6:32-34+ Jan-Feb '82

The maturity of WILDCAT. Ezio Bonsignore. illus tabs Mil Tech 6:59-60+ Aug '82

Self-propelled AA (Anti-Aircraft) gun systems. Enrico Po. illus (Also cutaway) Mil Tech 6:29-30+ Mar '82

Soviet air defenses against attack helicopters. LtCol Brian P.Mullady. illus USA Avn Dig pt 1, The philosophy. 28:30-35 May '82; pt 2, Individual weapons. 28:32-35 Jun '82; pt 3, ZSU-23-4 Shilka (Soviet automatic antiaircraft system). 28:34-37 Aug '82

ARTILLERY, ANTITANK

The AC300 Jupiter--Luchaire's new anti-tank weapon. B.Fritz. illus tab Intl Def Rev 15, No.1:71-74 '82

APFSDS ammunition: The absolute anti-tank weapon? illus Asian Def J No.1:45-46 Jan '82

Bofors RBS56 Bill (Bofors Infantry light and lethal anti-tank missile)--top attack to counter modern tanks. Mark Hewish. illus tabs Intl Def Rev 15, No.7:925-928 '82

Brandt gun-mortars. R.M.Ogorkiewicz. illus tab Intl Def Rev 15, No.2:201-204 '82

Changes, 2.75 inch rocket system upgrade. Capt David R.Reger. USA Avn Dig 28:39-44 Aug '82

ARTILLERY, ANTITANK - Continued

Dream weapon a nightmare. Frank Greve. Reprinted from The Philadelphia Inquirer, May 2, 1982. Parameters 12:76-86 Sep '82

FFV's (Förenade Fabriksverken) lightweight AT4--first of a new family of Swedish anti-armour weapons. Mark Hewish. illus tab Intl Def Rev 15, No.5:612-614 '82

Lynx 3 joins the team. Charles Gilson. illus Intl Def Rev 15, No.7:836-838 '82

Manurhin's APILAS (anti-tank rocket)--a non-conformist weapon. B.Fritz. illus tab Intl Def Rev 15, No.5:607-610 '82

One-man antitank weapons. Paul A.Chadwell. illus tabs Armed Forces J Intl 120:86+ Oct '82

Organization of unarmored infantry matched to threat. Konrad Alder. illus Armada Intl 6:42+ Jan-Feb '82

SEP's (Société Européenne de Propulsion) new anti-tank rocket launcher DARD 120. B.Fritz. illus tabs Intl Def Rev 15, No.4:475-477 '82

Soviet air defenses against attack helicopters. LtCol Brian P.Mullady. illus USA Avn Dig pt 1, The philosophy. 28:30-35 May '82; pt 2, Individual weapons. 28:32-35 Jun '82; pt 3, ZSU-23-4 Shilka (Soviet automatic antiaircraft system). 28:34-37 Aug '82

TLAT (TOW Light Anti-Tank) aims at one-shot kill. LtCol Robert A.Reitz. illus Natl Guard 36:16-17 Apr '82

Weapons versus armor: A new approach. Clifford D. Bradley. illus tab Armor 91:22-25 Jul-Aug '82; Armada Intl 6:58+ Sep-Oct '82

ARTILLERY, FIELD

Accurate artillery firing with fire control radar. Werner Meyer. illus Mil Tech 6:110-111 Nov '82

Artillery fire control systems. Federico G.C. Landaburu. illus Mil Tech 6:61-62+ Nov '82

The artillery position directory--moving fast to mass. Col Bruce P.Holmburg. Fld Arty J 50:10-11 Mar-Apr '82

Backup for survival. Cols Paul A.Slater and John A.Seitz. illus Fld Arty J 50:24-27 Sep-Oct '82

The DS battalion TOC (Tactical Operations Center) and TACFIRE. Capt Forrest G.Clark. illus tabs Fld Arty J 50:42-44 May-Jun '82

FIST (Fire Support Team) training in Berlin: A MOUT (Military Operations in Urbanized Terrain) perspective. SSgt Patrick J.Coyle. illus map tabs Fld Arty J 50:14-17 Jan-Feb '82

Field artillery and the urban battle. Col Paul A.Slater. illus Fld Arty J 50:8-13 Jan-Feb '82

Field artillery computers. Ian V.Hogg. illus NATO's Fifteen Nations 27:56+ Aug-Sep '82

ARTILLERY, FIELD - Continued

Forty years of Army Aviation. BrigGen William W. Ford, Ret. illus USA Avn Dig pt 1, Grasshoppers. 28:2-10 Jun '82; pt 2, Building a training program. Richard K. Tierney. 28:23-36 Jul '82; pt 3, Combat. 28:19-32 Aug '82; pt 4, Armed helicopters. 28:31-35 Sep '82; pt 5, Policies and organizations. 28:28-35 Oct '82

German/United States--field artillery interoperability training. Maj Louis J. Hansen. illus Fld Arty J 50:8-12 May-Jun '82

HELBAT/ACE (Human Engineering Laboratory Battalion Artillery Test/Artillery Control Experiment): Fire support control research facility. Barry L. Reichard. illus Fld Arty J 50:19-21 Sep-Oct '82

HELP (Howitzer Extended Life Product improvement) for the M109 self-propelled howitzer. LtCol Browder A. Willis, Ret. tab Fld Arty J 50:35-37 May-Jun '82

Indirect fire in MOUT (Military Operations in Urbanized Terrain). SSgt Patrick J. Coyle. illus tabs Infantry 72:11-13 Mar-Apr '82

A job well done. LtCol Albert N. Garland, Ret. illus Fld Arty J 50:17-19 Mar-Apr '82

Logistics raid. Maj Randall L. Rigby. illus Fld Arty J 50:50-53 Mar-Apr '82

The M198--new howitzer for light divisions. Maj Walter B. Brown II. illus tab Fld Arty J 50:26-29 Jul-Aug '82

Making a painful choice--artillery fire: Fast or massed? LtGen David E. Ott, Ret. illus Fld Arty J 50:37-40 Jan-Feb '82

Modernizing the M114 howitzer. Reprinted from International Defense Review 14, No. 9 1981. illus Fld Arty J 50:32-35 Jul-Aug '82

On the firing line. Regular feature in issues of National Defense

Salute!!! illus Fld Arty J 50:26-31 Mar-Apr '82

Self propelled artillery: Past, present, future. illus Mil Tech 6:15-16+ Aug '82

Standardization of M102 howitzer section equipment and crew drill. Maj George P. Coan, Jr. illus Fld Arty J 50:50-54 Jan-Feb '82

Update: Computer set, field artillery, general and missile. Capt William H. Coke and Donald J. Giuliano. illus Fld Arty J 50:20-23 Mar-Apr '82

View from the blockhouse. (Notes from the Army Field Artillery School) Regular feature in issues of Field Artillery Journal

What do you want us to shoot? Maj John D. Spengler. illus Fld Arty J 50:7-9 Mar-Apr '82

ARTILLERY, FIELD - ContinuedEquipment

Hasty displacement? A quick-release modification for the tent extension of the M577A1. 2dLt Michael C. Morton. illus Fld Arty J 50:30-31 Jan-Feb '82

History

An Artillery Man's dilemma. Col Robert M. Stegmaier, Ret. illus Fld Arty J 50:43-45 Jan-Feb '82

The Field Artillery Board. Capt Donald R. Klinger. illus chart Fld Arty J 50:13-18 Sep-Oct '82

The Jasper Greens. Bob E. Goodenough. illus Fld Arty J 50:47-49 Nov-Dec '82

The little old 37. LtCol Ronald E. Olson. illus Fld Arty J 50:41-42 Mar-Apr '82

The 123d Field Artillery, 1917-1919. LtCol Ronald E. Olson. illus Fld Arty J 50:33-35 Nov-Dec '82

Study and Teaching

APPS (Analytical Photogrammetric Positioning System): The unsung targeting aid. Capt Philip J. Millis. illus Fld Arty J 50:18-19 Nov-Dec '82

The field artillery liaison officer. Maj William S. Armstrong. illus Fld Arty J 50:39-41 Jul-Aug '82

The Four Day War: TCADD's response to field commanders. Capt Steve Boyer. illus Fld Arty J 50:18-20 Jan-Feb '82

The gunnery team in Southwest Asia. Maj Heinz A. Schiemann. illus tabs Fld Arty J 50:7-13 Jul-Aug '82

Improvements in the manual solution of the 6400-mil met/gunnery problem. SSgt David M. Johnson. illus Fld Arty J 50:26-29 Jan-Feb '82

Making a targeting cell work. Maj Joseph E. Halloran, III. illus Fld Arty J 50:11-14 Nov-Dec '82

The targeting element. Capt James R. Clark. illus Fld Arty J 50:6-10 Nov-Dec '82

Testing

The Field Artillery Board. Capt Donald R. Klinger. illus chart Fld Arty J 50:13-18 Sep-Oct '82

HELBAT/ACE (Human Engineering Laboratory Battalion Artillery Test/Artillery Control Experiment): Fire support control research facility. Barry L. Reichard. illus Fld Arty J 50:19-21 Sep-Oct '82

Operational testing of new field artillery systems. LtCols B.H. Ellis and R.F. Bell. illus Fld Arty J 50:8-12 Sep-Oct '82

ARTILLERY RANGES see Bombing and Gunnery Ranges

ASIA

Asian perspective. Regular feature in issues of Military Science & Technology

ASIA, EASTERN

The balance of forces in the East Asian-Pacific region. Wilhelm G.Grewe. illus NATO's Fifteen Nations 27:18-22+ Jun-Jul '82

An East Asian security consortium for the year 2000. MajGen Marc A.Moore. illus map MarCor Gaz 66:41-45 Jul '82

The regional scene (East Asian area). Denis Warner. illus Pac Def Rep 8:30-31 Dec '81/Jan '82

ASIA, SOUTHEASTERN

Naval developments in S.E. Asian region: Current trends. P.Lewis Young. illus Asian Def J No.2:14-15+ Feb '82

Thailand, the front-line state. Hans H.Indorf. map illus Pac Def Rep 8:36+ Apr '82

Foreign Relations

History

Security: ASEAN's underlying factor. (Excerpts from statement at the Fletcher School of Law and Diplomacy, Boston) Tan Sri Ghazali Shafie. illus Asian Def J No.2:30-35 Feb '82

Strategic Importance

How Singapore sees the Vietnam threat. Lim Joo-jock. illus Pac Def Rep 8:52-53+ Dec '81/Jan '82

ASIA, SOUTHWESTERN

The gunnery team in Southwest Asia. Maj Heinz A.Schiemann. illus tabs Fld Arty J 50:7-13 Jul-Aug '82

ASSIGNMENTS, MILITARY

See also Tours of Duty

Air defense artillery transition plan. LtCol Rick Pokras. illus Air Def Mag, pp 35-36, Jul-Sep '82

Assignment Japan--what to expect. Maj Cliff Bernath. illus tabs Soldiers 37:16-22 Mar '82

Assignments with a personal touch. illus Airman 26:2-7 Jun '82

CMC policy for accompanied tours. MarCor Gaz 66:6 Aug '82

E-9 'pick' cycle extended o'seas. AF Times 42:14 Apr 19 '82

ASSIGNMENTS, MILITARY - Continued

General officer changes. Regular feature in News Call section of some issues of Army

General officer changes. (Title varies) Regular feature in some issues of Marine Corps Gazette

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

In uniform at the White House. Deborah M. Kyle. illus Armed Forces J Intl 120:80-81 Dec '82

Knowing the rules helps join-spouse chances. AF Times 42:31 May 10 '82

Navigating around the Air Staff--an inside look at the ASTRA program. Capt Thomas P. Waddell. illus Navigator 29:5-8 Winter '82

Officer assignment opportunities. Regular feature in issues of Air Force Times

Paid travel possible for 'isolated' o'seas. Tom Philpott. AF Times 42:1+ May 3 '82

Poor performers need 2d check. Don Mace. AF Times 42:4 Apr 5 '82

STO (Statutory Tour Officers) . . . a link with command. Joe T.Swain. Air Reservist 34:18-19 Dec '81/Jan '82

Senior Army officers in special assignments. Army 32:227 Oct '82

Senior staff changes. Regular feature in issues of Air Force Magazine

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Swaps: Dreams turn real. SFC Norman K.Oliver. Soldiers 37:50-52 Aug '82

Where help means heart. (Air Force Humanitarian Reassignment program) Capt Ronald D. Fuchs. illus Airman 26:18-22 Nov '82

ASSOCIATION OF OLD CROWS

The AOC (Association of Old Crows) looks at the threat: An update on the AOC's EWTSC (Electronic Warfare Technical Study Committee). Hal Gershanoff. Interview. illus J of Elect Def 5:75-76+ Oct '82

The challenge of the new era in EW--DOD/AOC '82. Gerald Green. J of Elect Def 5:52-53 Dec '82

Origins of ECM in the Air Force. Frank Voltaggio, Jr. illus J of Elect Def 5:34-36+ Jun '82

Select AOC committee looks at U.S. EW industrial base. J of Elect Def 5:46-51 Jan '82

Systems and components share this year's AOC spotlight. illus Mil Elect/Countermeasures 8:44+ Sep '82

ASSOCIATION OF SOUTHEAST ASIAN NATIONS

ASEAN defence news. Regular feature in issues of Asian Defence Journal

The balance of forces in the East Asian-Pacific region. Wilhelm G.Grewe. illus NATO's Fifteen Nations 27:18-22+ Jun-Jul '82

The Far Eastern navies. Lts J.V.P.Goldrick and P.D.Jones. illus map US Nav Inst Proc 108:60-65 Mar '82

How Singapore sees the Vietnam threat. Lim Joo-jock. illus Pac Def Rep 8:52-53+ Dec '81/Jan '82

Security: ASEAN's underlying factor. (Excerpts from statement at the Fletcher School of Law and Diplomacy, Boston) Tan Sri Ghazali Shafie. illus Asian Def J No.2:30-35 Feb '82

Vietnam: Focus of regional conflict. Peter A. Poole. tab Intl Sec Rev 7:219-232 Summer '82

History

Security: ASEAN's underlying factor. (Excerpts from statement at the Fletcher School of Law and Diplomacy, Boston) Tan Sri Ghazali Shafie. illus Asian Def J No.2:30-35 Feb '82

ASSOCIATION OF THE U.S. ARMY

AUSA '81--part 1: Helicopters dominate. illus Intl Def Rev pt 1, 15, No.1:75-82 '82; pt 2, Weapons and sensors. 15, No.2:205-212 '82

AUSA show 1981 Washington, DC. Mil Tech 6:96+ Feb '82

Modernization is focus at biggest meeting. Eric C.Ludvigsen. illus Army 32:50-53+ Dec '82

President's report. Norman R.Augustine. Army 32:47-49+ Nov '82

ASTRONAUTICS see Space FlightASTRONAUTS

1st black, woman selected for shuttle missions. AF Times 42:4 May 3 '82

ATLANTIC COMMAND, ALLIED see Allied Command AtlanticATLANTIC COMMUNITY

Ballistic missile defense and the Atlantic Alliance. David S.Yost. Intl Sec 7:143-174 Fall '82

How America looks at Europe. Arthur F.Burns. AEI For Plcy & Def Rev 3, No.6:2-5 '81/'82

Nuclear weapons and the Atlantic Alliance. McGeorge Bundy and others. Reprinted from Foreign Affairs, Spring 1982. Parameters 12:79-87 Jun '82

The realities of security. Henry A.Kissinger. AEI For Plcy & Def Rev 3, No.6:11-16 '81/'82

ATTACHÉS, MILITARY

Air attachés answer the questions. Mark E. Berent. illus AF Mag 65:182-186 Sep '82

ATTACK AND DEFENSE (MILITARY SCIENCE)

Airland battle 2000 takes the offensive using high technology. David M.Russell. illus Def Elect 14:60+ Jun '82

The armor force in the airland battle. Maj Michael S.Lancaster. Armor 91:26-32 Jan-Feb '82

An armored task force executes a hasty attack. LtCol Harry W.McWilliams and Capt Timothy E.Donovan. illus Armor 91:13-15 Jan-Feb '82

The assault. Capt Paul L.Conway. Infantry 72:19-23 Nov-Dec '82

Attack of a desert strongpoint. Capts Wayne J.Sabo and Edwin L.Kennedy, Jr. illus Infantry 72:25-29 Jul-Aug '82

Attack on a fortified area: Lessons from the past. Maj Jack Klump. illus MarCor Gaz 66:64-69 Jun '82

Attack! Soviet style. 1stLt Carl A.Wertman. illus MarCor Gaz 66:46-49 Jul '82

Battalion operations from encircled positions. Maj Michael R.Tarantola. illus Mil Rev 62:35-40 Feb '82

The battle on the German frontier. LtCol Barry R.McCaffrey. Mil Rev 62:62-70 Mar '82

The bayonet. John P.Garzone. tab Infantry 72:34-36 Mar-Apr '82

The deadly game: Search radar versus aircraft. Edwin M.Drogin. illus Def Elect 14:56-57+ Aug '82

The deep raid--airland battle's power punch. Capt Marc C.Baur. illus Armor 91:38-41 Sep-Oct '82

Deep thrust on the extended battlefield. Maj James C.Barbara and Robert F.Brown. illus Mil Rev 62:21-32 Oct '82

FM 100-5: Comparing the operational concept and the defense. Maj James M.Dubik. Mil Rev 62:13-19 Dec '82

Fighting the threat advance guard. Maj Richard Armstrong. illus Armor 91:35-38 May-Jun '82

Force multipliers and the carrier debate. J.O.Langtry and Desmond Ball. illus Pac Def Rep 9:35+ Sep '82

Future combat ships require redesigned systems: Current outmoded ship designs are unlikely to survive future conflicts. Julian Lake. illus (Also cutaway) Def Elect 14:77-78+ Apr '82

How tactical air works. George Haering. illus US Nav Inst Proc 108:60-65 Nov '82

ATTACK AND DEFENSE (MILITARY SCIENCE) - Continued

Implementing a maneuver style of war. Capt Anthony M. Coroalles. illus Mil Rev 62:20-25 Dec '82

In the wake of the Falklands battle. ADM Thomas H. Moorer and Alvin J. Cottrell. por Strat Rev 10:23-28 Summer '82

Infantry tomorrow. Stefan Geisenheyner. illus Asian Def J No.10:38-39+ Oct '82

The integrated battlefield. Col William G. Hanne. Mil Rev 62:34-44 Jun '82

JAAT (Joint Air Attack Team): A present concept. Maj William J. Filippini and Capt David S. Prewitt. illus USA Avn Dig 28:2-7 Nov '82

Maneuver/fluid warfare: A review of the concepts. Capt G. I. Wilson. illus MarCor Gaz 66:54-61 Jan '82

Maneuver in the deep battle. LtCol L.D. Holder. Mil Rev 62:54-61 May '82

Maneuver warfare at sea. CDR Robert J. Kelsey. illus US Nav Inst Proc 108:30-36 Sep '82

Maneuvering in the Falklands. CDR Robert J. Kelsey. US Nav Inst Proc 108:36-38 Sep '82

New potential for the attack helicopter. Col Robert S. Fairweather, Jr. illus Army 32: 42-45 Apr '82

The operational art of the airland battle. LtCol John S. Doerfel. illus Mil Rev 62:3-10 May '82

The problem of airfield defence. LtCol Andrew Andrews. illus tabs NATO's Fifteen Nations Special Issue No.1:75+ '82

Soviet echeloning. P.H. Vigor. illus Mil Rev 62:69-74 Aug '82

Soviet motorized rifle battalion heliborne assault. Dale D. Best. illus Air Def Mag, pp 30-31, Jan-Mar '82

ZANLA's (Zimbabwe African National Liberation Army) war in Zimbabwe-Rhodesia: A lesson in strategy and tactics. Capt Paul Melshen. illus US Nav Inst Proc 108:118-119 Aug '82

ATTITUDES

Building winners for the playing field and the battlefield. Capt Richard G. Priem and Jim Myers. illus Mil Rev 62:38-49 Nov '82

Job attitudes of commercial and U.S. Air Force pilots. William E. Rosenbach and Robert A. Gregory. tabs Armed Forces & Soc 8:615-628 Summer '82

Resistance to change. Samuel F. Stebelton. AF J Log 6:30-31 Fall '82

Technology, responsibility, and discipline in a free society. RADM Henry E. Eccles. Ret. Log Spectrum 16:24-30 Summer '82

ATTITUDES - Continued

The unit: The military member draws strength and confidence from a stable unit. Gen E.C. Meyer. illus por Defense/82, pp 2-9, Feb '82

Will power in the making of a commander. Col Sh. Nurullin. Soviet Mil Rev No.10:38-39 Oct '82

AUDIO-VISUAL AIDS

Classified audiovisual products. TIG Brief 34:11-12 Feb 5 '82

AUDITING

See also
Air Force Audit Agency

(ADM Hyman G.) Rickover sparks audit. AF Times 42:13 Jun 14 '82

Auditor General. Regular feature in issues of Air Force Comptroller

Bonus program seen as effective. Leonard Famiglietti. AF Times 42:3 Jan 18 '82

Progress report from the fraud & waste front. Joseph H. Sherick. illus Defense/82, pp 20-28, Feb '82

AUSTRALIA

Building up the (Australian) defence industries. Ian Viner. illus Pac Def Rep 9:9-10+ Sep '82

Energy and defence: An expert appraisal. D.M. Hocking. tabs illus Pac Def Rep 9:19+ Sep '82

General (P.H.) Bennett on the Army's strengths and weaknesses. T.B. Millar. Interview. illus Pac Def Rep 9:29-30+ Oct '82

The U.S. Fleet Satellite Communications (FLTSATCOM) System: The Australian connection. Desmond Ball. illus map Pac Def Rep 8:30-33 Feb '82

Why we bought Invincible. VAdm James Willis. illus Pac Def Rep 8:61-62+ Apr '82

Description and Travel

The closest friends--and most distant allies: A new look at Australia and New Zealand. Vincent C. Thomas, Jr. illus Sea Power 25: 43-54 Oct '82

Foreign Policy

Australian defence in a dangerous world. D.J. Killen. Pac Def Rep 8:205-206 Dec '81

Defending Australia and its interests. W.B. Pritchett. Pac Def Rep 9:58-60+ Jul '82

Hayden's albatross--foreign affairs and defence. Geoffrey Evans. Pac Def Rep 9:9-10 Aug '82

AUSTRALIA - ContinuedForeign RelationsA S E A N

Plus and minus in Australia's Near North.
Denis Warner. illus Pac Def Rep 9:61-63
Sep '82

The RAAF's role in South-East Asia. Michael
Richardson. illus Pac Def Rep 9:47-48+
Oct '82

Cambodia

Plus and minus in Australia's Near North.
Denis Warner. illus Pac Def Rep 9:61-63
Sep '82

Indonesia

Performance and prospects in the near north
(Papua New Guinea and Indonesia). Col
C.H.A.East. illus Pac Def Rep 8:61-62+
Dec '81/Jan '82

What of West Irian? Col Colin East. Pac Def
Rep 8:40-42+ Feb '82

Malaysia

The RAAF's role in South-East Asia. Michael
Richardson. illus Pac Def Rep 9:47-48+
Oct '82

Papua New Guinea

Performance and prospects in the near north
(Papua New Guinea and Indonesia). Col
C.H.A.East. illus Pac Def Rep 8:61-62+
Dec '81/Jan '82

United States

ANZUS: The politics of an alliance. P.Lewis
Young. map Asian Def J No.12:66-67+ Dec '82

The importance of ANZUS. Henry S.Albinski.
(Adapted from An American Policy for Asia:
The 1980s and Beyond, edited by R.H.
Myers, 1982) illus Pac Def Rep 8:33+
Dec '81/Jan '82

Politics and Government

Australia's retreat into isolationism. Mi-
chael O'Connor. Asian Def J No.12:75-77
Dec '82

The hidden shoals in (Australian) Labor's
defence policy. A.W.Grazebrook. Pac Def
Rep 8:35-36 May '82

AUTOMATIC DATA FIELD SYSTEMS COMMAND see
Army Computer Systems CommandAUTOMATIC DIGITAL NETWORK

Air Force Logistics Command--bullish on data
communications. Thomas L.Brown. illus maps
Signal 36:49-54 Feb '82

Department of Defense data network. Stephen
T.Walker. illus maps tabs Signal 37:42+
Oct '82

AUTOMATIC DIGITAL NETWORK - Continued

Packet switching for fast, reliable defense
networks. Roy D.Rosner. illus maps tab
Signal 36:110+ May-Jun '82

Why C³I is the Pentagon's top priority. illus
Govt Exec 14:14-16+ Jan '82

AUTOMATIC LANDING SYSTEMS

See also
Microwave Landing Systems

Electronic navigation aids. Chris Heath. Pac
Def Rep 8:55-56+ Jun '82

AUTOMATIC TEST EQUIPMENT

ATE (Automatic Test Equipment) accomplishes
receiver specification testing with in-
creased speed and throughput. Scott A.
Moser. illus Mil Elect/Countermeasures
8:32-35 Dec '82

ATE (Automatic Test Equipment): Trends in
communications/microwave test instruments.
Asad M.Madni and Stanley M.Wolf. illus
Mil Elect/Countermeasures 8:15-18+ Jun '82

Automated inspection--a means to increased
reliability. Anthony P.Trippe. illus Natl
Def 66:18-22 Apr '82

Automatic test equipment: The critical need
for early planning. George W.Neumann. illus
Concepts 5:82-92 Spring '82

Digital test onsite: A growing concern.
Dennis H.Chesney. illus Log Spectrum 15:
20-24 Winter '81

The future of diagnostics. Donald S.Sarna.
illus Armor 91:15-18 Mar-Apr '82

Logistics and advanced technology. Gary H.
Lunsford and others. AF J Log 6:32-35
Summer '82

Sperry building ALR-74 test set. Hal Gershan-
off. illus J of Elect Def 5:59+ Sep '82

Test software development. TIG Brief 34:15
Apr 16 '82

AUTOMATIC VOICE NETWORK

Why C³I is the Pentagon's top priority. illus
Govt Exec 14:14-16+ Jan '82

AUTOMATION

See also
Electronic Data Processing Systems

Automated food service: Capt Walter T.Kelly.
illus AF Engrg & Svcs Qtr 23:40-43 Summer
'82

Automated inspection--a means to increased
reliability. Anthony P.Trippe. illus Natl
Def 66:18-22 Apr '82

Automated Security Clearance Approval System
(ASCAS). TIG Brief 34:13 May 28 '82

Automating NATO's command centers. Thomas E.
Gernon. illus Signal 37:45-51 Dec '82

AUTOMATION - Continued

Automating wing and squadron level technical order distribution control. Gerard F.King. illus Log Spectrum 15:32-35 Winter '81

Cockpit automation and workload reduction--too much of a good thing? Chris Bulloch. tabs Interavia No.3:263-264 Mar '82

Computer-aided engineering and architectural design. Janet Spoonamore and others. illus tabs Mil Engr 74:140-147 Apr '82

Conducting an A-76 cost comparison for ADP services. John Dineen. Govt Exec 14:15+ Aug '82

Distributive processing, new computer software enhance Department of State communications system. Stuart E.Branch. Signal 36: 83-86+ May-Jun '82

Improved survivability for automated C² systems. LtCol Glenn G.Givens, Ret. Signal 36: 31-33 Apr '82

Information processing--visions of the future (use of computers in the information age). James L.Bispo and others. illus Signal 36: 13-14+ Feb '82

LOGMARS (Logistics Applications of Automated Marking and Reading Symbols)--"an advanced technology comes of age." LtCol John E. Gould. illus AF J Log 6:16-19 Fall '82

Lessons learned--implementing DS4 (direct support unit standard supply system). Col Albert B.Luster. illus Army Log 14:20-22 May-Jun '82

The limits of man--automating the next generation of combat aircraft. Dennis Culkin. illus Def & For Aff 10:36-39+ Aug '82

Men and machines: The automation of the battlefield. Lt-Col Gerd Schultze-Rhonhof. illus NATO's Fifteen Nations 26:28+ Dec '81-Jan '82

Problems of radio DF (Direction Finding) in electronic warfare. Capt Jürgen Wächtler. illus Armada Intl 6:41-42+ Mar-Apr '82

What's office automation all about? Charles A.Ross. illus Signal 36:139-142+ May-Jun '82

AUTOMOBILES

Last try by union to recoup parking fees. AF Times 42:2 Jan 25 '82

Shipping your POV. Sgt1C Norman Oliver. illus Soldiers 37:27-31 Jun '82

Drivers and Driving
See Motor Vehicles--Drivers and Driving

AUTOPILOT

The growing market for helicopter autopilots. Pierre Condom. illus Interavia 37:776-777 Aug '82

AUXILIARY POWER SYSTEMS see Space Vehicles--Power Supply

AUXILIARY SHIPS

See also
Icebreakers

Soviet Union

Petropavlovsk and venta--another look. G.Jacobs. illus Asian Def J No.1:65+ Jan '82

United States

Naval support ships: The case for civilian manning. David A.Leff and Thomas W.Scoville. Def Mgt J 18:36-42 Third Quarter '82

AVIATION

For articles on commercial air transportation companies see Airlines; for articles on technical and technological aspects of aviation and aircraft see Aeronautics; for popular, nontechnical articles on the pleasures of flying see Flying.

See also
Flights, Famous and Historic

Aerospace world. Regular feature in issues of Air Force Magazine

The armchair aviator. Regular feature in issues of Air Force Times

The world of aerospace. Regular feature in issues of Interavia

ExhibitionsGermany (West)

The Hannover air show. Roy Braybrook. illus Pac Def Rep 9:31-32+ Jul '82

Hanover 82. illus Interavia 37:655-662 Jul '82

Great Britain

FMS, Farnborough, and the Falklands fallout: New developments in overseas arms sales. Desmond Wettern. illus Sea Power 25:56-58+ Oct '82

Farnborough bigger and brighter, but--(there were some notable absentees). Charles Wakeham. illus Pac Def Rep 9:9+ Oct '82

Farnborough International Air Show 1982--"proven in the Falklands." illus Mil Tech 6:149-156 Nov '82

Farnborough International 82. Col Norman L. Dodd, Ret. illus Asian Def J No.11:32+ Nov '82

Farnborough International '82. illus Intl Def Rev 15, No.10:1344-1352 '82

Farnborough International '82. illus Islamic Def Rev 7, No.3:12-25 '82

Farnborough International 82: A vintage year, but . . . illus Interavia 37:1029-1036 Oct '82

AVIATION - ContinuedExhibitions - Cont'dGreat Britain - Cont'd

Farnborough International 1982 is worth the trip. Felix Müller. illus Armada Intl 6: 108+ Jul-Aug '82

Farnborough '82. Deborah M.Kyle and Deborah G.Meyer. Armed Forces J Intl 120:48-50+ Sep '82

Farnborough 1982. Ian V.Hogg. illus Natl Def 67:37-40 Dec '82

Farnborough--1982. Kelly H.Burke. illus Armed Forces J Intl 120:76+ Oct '82

Farnborough 1982--assessing the present, pondering the future. Felix Müller. illus Armada Intl 6:84+ Sep-Oct '82

The shifting sands of Farnborough '82. John W.R.Taylor. illus AF Mag 65:42-47 Dec '82

United States

The National Air and Space Museum. Capt Gale E.Clouse, Jr. illus MAC Flyer 29:16-18 Oct '82

1.3 acres of aerospace update. John T. Correll. illus AF Mag 65:86-88+ Nov '82

History

The historical background to aerospace pathology. I.R.Hill. tab Aviation, Space & Envmt Med 53:1-5 Jan '82

We flew when the birds walked (development of the "double-cue" flight director system). Cecil C.Pine. illus MAC Flyer 29: 8-9 Jan '82

Physiological Aspects

See also specific conditions, e.g.,
Decompression Motion Sickness
Hypoxia Vertigo

Apparent instrument horizon deflection during and immediately following rolling maneuvers. J.Michael Lentz and Fred E.Guedry, Jr. tabs Aviation, Space & Envmt Med 53: 549-553 Jun '82

Effect of flight on the Eustachian tube function and the tympanic membrane system--a follow-up study. Peter Groth and others. tabs Aviation, Space & Envmt Med 53:360-364 Apr '82

Rx for flying comfort. Maj John B.Linnstaedt. Combat Crew 32:10-11 Sep '82

The stresses of flight. Capt Ann Helm. MAC Flyer 29:18-20 Nov '82

Surviving in high places. SSgt Craig Pugh. illus Airman 26:42-48 Sep '82

AVIATION - ContinuedPhysiological Aspects - Cont'd

Syncope in aircrew. William H.Sledge and James A.Boydston. tabs Aviation, Space & Envmt Med 53:258-265 Mar '82

Visual field narrowing by non-visual factors . . . or why you didn't see that aggressor in time. Robert J.Randle, Jr and Frederick V.Malmstrom. illus Flying Safety 38:14-18 Jul '82

The wearing of hydrophilic contact lenses aboard a commercial jet aircraft: I. Humidity effects on fit. Weylin G.Eng and others. illus tab Aviation, Space & Envmt Med 53: 235-238 Mar '82

Study and Teaching

Physiological training: A refresher. Capt Gale E.Clouse, Jr. illus tab MAC Flyer 29:20-21 Oct '82

Psychological Aspects

Visual field narrowing by non-visual factors . . . or why you didn't see that aggressor in time. Robert J.Randle, Jr and Frederick V.Malmstrom. illus Flying Safety 38:14-18 Jul '82

Germany (West)

General aviation in West Germany: Outlook for the 1980s. Marc Grangier. illus tab Interavia 37:365-367 Apr '82

United States

An analysis of civil aviation propeller-to-person accidents: 1965-79. William E. Collins and others. tabs Aviation, Space & Envmt Med 53:458-462 May '82

General aviation assets are overlooked in postnuclear attack planning. Clinton H. Whitehurst, Jr and Michael W.Broadway. tab map AU Rev 33:96-100 Nov-Dec '81

General aviation in the USA--waiting for the upturn. Marc Grangier. illus Interavia 37: 467-471 May '82

Costs

FAA, airways, airports and a systems approach to economic vitality. John F.Judge. tab Govt Exec 14:12+ May '82

History

A.K.Longren--pioneer airman of the west. Chuck Lebrecht. illus Am Avn Hist Soc J 26:258-270 Winter '81

Charles Lindbergh: A closer look. Frank J. Delear. illus Am Avn Hist Soc J 26:304-310 Winter '81

A different frontier: Aviation, the Army Air Forces, and the evolution of the sunshine belt. Gilbert S.Guinn. illus maps Aerosp Hist 29:34-45 Mar '82

The first pilots of the Pacific. illus Sergeants 20:29-30 Mar '82

AVIATION - ContinuedUnited States - Cont'dHistory - Cont'd

Harold Gatty and the bridging of the Pacific.
Francis X. Holbrook and John Nikol. illus
Aerosp Hist 29:176-182 Sep '82

Portrait of a hero. H.R. Kaplan. illus Ser-
geants 20:20-23 Mar '82

The shape of things to come: The military
impact of World War II on civil aviation.
John M. Wilson. illus Aerosp Hist 28:262-
267 Dec '81

An unscheduled stop. Ralph Johnston. illus
map Am Avn Hist Soc J 27:92-96 Summer '82

AVIATION, COMMERCIAL

Here are entered general articles on trans-
portation of personnel and/or cargo by com-
mercial aircraft.

See also

Air Cargo
Airlines
Airports

Aerospace international. Regular feature in
issues of Military Technology beginning
with March 1982

Economic Aspects

The growing burden of user charges: IATA puts
the airlines' case. Rodger Goodson. illus
tabs Interavia 37:1214-1215 Nov '82

Italy

The Italian aerospace industry--a firm future
at last? Marc Grangier and Mark Lambert.
illus tabs Interavia 37:157-170 Feb '82

Japan

Situation normal--the confused domestic scene
in Japan. Rodger Goodson. illus Interavia
37:447-450 May '82

United States

Boeing's bigger narrowbody. Bron Rek. illus
tabs Interavia 37:43-46 Jan '82

The CAAA (Commuter Airline Association of
America) is dead, long live RAA (Regional
Airline Association). Bron Rek. illus
Interavia 37:24+ Jan '82

The shape of things to come: The military
impact of World War II on civil aviation.
John M. Wilson. illus Aerosp Hist 28:262-
267 Dec '81

Will Lockheed be the last to say enough is
enough? Bron Rek. illus tabs Interavia 37:
133-138 Feb '82

History

An alfalfa field, with lights, will do (air-
field development). Horace A. Waggoner. illus
Aerosp Hist 29:13-21 Mar '82

AVIATION CLUBS see Aero ClubsAVIATION MEDICINE

Acceleration induced voltage variations in
the electrocardiogram during exhaustive
simulated aerial combat maneuvering. James
E. Whinnery. tabs Aviation, Space & Envt
Med 53:147-152 Feb '82

Reserve forces flight medicine: What makes a
successful program? TIG Brief 34:15
Aug 6 '82

ResearchSee also

Aviation--Physiological Aspects

AVIONICS

AFTI (Advanced Fighter Technology Integra-
tion)/F-16: Flying testbed for future
avionics. illus Def Elect 14:88-91 Aug '82

ARNIE (AN/ARN-101 Digital Modular Avionics
System)--the WSO's friend. Capt Randall R.
Schmidt. Navigator 29:18-19 Winter '82

British developments in wide-angle head-up
displays. Mark Hewish. illus Intl Def Rev
15, No. 8:1033-1036 '82

The coming revolution in avionic logistics.
Gordon R. England and J. Kirston Henderson.
illus AF J Log 6:29-31 Summer '82

F-5G avionics stress simplicity and ease of
maintenance. illus Def Elect 14:160-162+
Oct '82

Fiber-optic technology takes to the air.
Theodore J. Urbanik. illus Mil Elect/
Countermeasures 8:32+ Oct '82

(KC)-135 onboard computer. Fuel savings and
take off data, too! tabs illus Combat Crew
32:18-21 Oct '82

Listen when Arnie (ARN-101 system) speaks.
Maj Bob French. tab illus USAF Ftr Wpns
Rev, pp 9-12, Summer '82

New avionics, mil standards increase air-
craft capabilities. illus Def Elect 14:34+
Sep '82

Rhino brain transplant (F-4 now modified with
the Digital Target Intercept Computer
(LRU-1)). Capt Tom Graves. illus USAF Ftr
Wpns Rev, p 13+, Summer '82

Rhino's new bullet: The AIM-7F (recent Digi-
tal LRU-1 modification). Capt John Barry.
illus USAF Ftr Wpns Rev, pp 18-20, Summer
'82

Serial bus analyzer simplifies systems test-
ing. Robert E. Benn and others. illus Def
Elect 14:72-74+ May '82

EquipmentMaintenance and Repair

Test software development. TIG Brief 34:15
Apr 16 '82

AWARDS, DECORATIONS, ETCUnited StatesSee also

Medal of Honor

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 65:171-187 May '82

Awards & citations. Regular feature in issues of Air Force Times

Awards at the 1982 Air Force Association National Convention. illus AF Mag 65: 84-85 Nov '82

A badge of honor. Capt George C. Simon, Jr. illus Combat Crew 32:17+ Oct '82

Design for the times (1981 USAF design awards). Capt Katie Cutler. illus Airman 26:34-39 Apr '82

Eagles over the Pacific (Kadena AB's 18th Tactical Fighter Wing support of the F-15 mission). SSgt Craig Pugh. illus Airman 26: 16-21 Mar '82

Eight facility design projects capture awards. illus AF Times 42:16 Mar 8 '82

Individual excellence yields top NGAUS awards. illus Natl Guard 36:15-17 Jan '82

AWARDS, DECORATIONS, ETC - ContinuedUnited States - Cont'd

The Major General Harold W. Chase prize essay contest announced. por MarCor Gaz 66:15 Sep '82

Midnight race at Montezuma Peak (daring helicopter rescue). SSgt Lorenzo D. Harris. illus Airman 26:10-15 Mar '82

Naval and maritime prize photography 1982. Pictorial. US Nav Inst Proc 108:81-86 Apr '82

Navy on wartime footing every day. CAPT Roy B. Moody, Jr, Ret. illus Officer 58:19-21 Apr '82

New! Air Force Recognition Ribbon. illus Flying Safety 38:23 Oct '82

Outstanding airmen selected for '82. illus AF Times 42:28 Jun 14 '82

The purple heart. Anne Genders. illus Soldiers 37:38-40 Aug '82

2d annual "PRAL" (President's Recognition Awards Luncheon) spotlights NGAUS awards winners. illus Natl Guard 36:29-32 Jan '82

22 months after Desert One, some on Iran rescue try still not decorated. Benjamin F. Schemmer. Armed Forces J Intl 119:17-18+ Mar '82

World helicopter champions. Maj Bronislaw R. Maca. illus USA Avn Dig 28:2-8 Jan '82

B M E W S see Ballistic Missile Early Warning System

BABERS, Donald M.

P3i--Pre-Planned Product Improvement. MajGen Donald M. Babers. illus Signal 36:11-12+ Jul '82

BACHELORS, MILITARY

The bachelor and the computer. MajGen O.F. Peatross, Ret. illus MarCor Gaz 66:16-18 Dec '82

Here are the new single VHA rates. Tom Philpott. AF Times 43:38+ Nov 1 '82

Many singles o'seas tours reduced. Don Mace. AF Times 43:3 Oct 4 '82

O'seas tour lengths reduced for singles. AF Times 42:3 Mar 8 '82

Parenting solo. Bonnie Stone. tab AF Times 43:51 Nov 1 '82

Single-member parents on increase. Don Mace. AF Times 43:1+ Nov 8 '82

BACTERIOLOGICAL WARFARE see Chemical-Biological Warfare

BAILOUTS see Parachute Jumping

BALANCE OF POWER

ACE: Challenges for the fourth decade. Gen Bernard W. Rogers. illus por NATO's Fifteen Nations 27:22-24+ Feb-Mar '82

Air Force--the priority turns to strategic forces. Gen Lew Allen, Jr. illus Defense/82, pp 24-31, Apr '82

America's plutonium predicament. Arnold Kramish. Strat Rev 10:48-54 Summer '82

Arms negotiations: Soviet path to power? John J. Ballantine. Intl Sec Rev 6:519-532 Winter '81/'82

The balance of forces in the East Asian-Pacific region. Wilhelm G. Grewe. illus NATO's Fifteen Nations 27:18-22+ Jun-Jul '82

Can we be secure with a nuclear freeze? Gen David C. Jones. illus tabs Defense/82, pp 12-19, Jul '82

Challenge at sea: Naval strategy for the 1980's. ADM Harry D. Train II. illus por NATO's Fifteen Nations Special Issue No.2: 17-18+ '82

BALANCE OF POWER - Continued

Chemical warfare. LtCol Guy M. Lovelace. illus NATO's Fifteen Nations 26:54-56 Dec '81-Jan '82

Chemical weapons: An imbalance of terror. Joseph D. Douglass, Jr. tab Strat Rev 10: 36-47 Summer '82

Civil defense and the strategic balance. Nancy D. Greene. Mil Sci & Tech 2:31-35+ '82

Constraints on superpower intervention in Sub-Saharan Africa. Robert J. Lilley. map Parameters 12:63-75 Sep '82

Control of nuclear weapons in Europe. Alex Gliksman. illus Natl Def 66:43-49 Apr '82

Cuba: Moscow's marionette. BrigGen Joseph E. Hopkins. illus map US Nav Inst Proc 108: 58-64 Jul '82

Defence of Central Europe: The challenge of the 1980s. Gen Ferdinand Von Senger Und Etterlin. illus maps NATO's Fifteen Nations Special Issue No.2:16-18+ '81

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 65:140-143 Dec '82

Estimating the Soviet--U.S. strategic balance. illus tabs AF Mag 65:145-147 Dec '82

Extending the analysis beyond the two superpowers: Adding in the allies. tab Defense/82, pp 16-17, May '82

Gains for Soviet policy in the Middle East. Shahram Chubin. Intl Sec 6:122-152 Spring '82

General calls advance plan U.S. myth. (Interview with BrigGen Yevgeny M. Tatarnikov) Sandro Viola. Mil Sci & Tech 2, No.1:24-26 '82

A German view of arms control and east-west security. Heinz Schulte. illus maps tab Intl Def Rev 15, No.10:1369-1374+ '82

Guardians of the northern flank. Charles W. Corddry. illus map AF Mag 65:160-162 Sep '82

How the defense budget battle is heating up. Edgar Ulsamer. AF Mag 65:54-60 May '82

The idea of strategic superiority. Colin S. Gray. AF Mag 65:62-63 Mar '82

Implications of security patterns among developing states. Edward A. Kolodziej. illus tabs AU Rev 33:2-22 Sep-Oct '82

In focus. Regular feature in issues of Air Force Magazine

The intermediate nuclear force balance in Europe. Intl Def Rev 15, No.4:381 '82

BALANCE OF POWER - Continued

Intermediate range nuclear forces--problems and perspectives. Simon Lunn. illus tabs NATO's Fifteen Nations 27:46-48 Feb-Mar '82

Is conventional defense of Europe feasible? Robert Komer. Nav War Col Rev 35:80-91 Sep-Oct '82

Is Soviet strategic doctrine superior? Donald W.Hanson. Intl Sec 7:61-83 Winter '82/'83

The Israeli raid on Iraq: A new proliferation landscape. Amos Perlmutter. illus Strat Rev 10:34-43 Winter '82

Jane's aerospace survey. John W.R.Taylor. illus AF Mag 65:40-47 Jan '82

(John F.) Lehman seeks superiority. illus Intl Def Rev 15, No.5:547-548 '82

Killers, fillers, and fodder (our armor force versus the Soviet armor force). Thomas A. Horner. Parameters 12:27-34 Sep '82

Korea: Force imbalances and remedies. Donald R.Cotter and N.F.Wikner. illus tabs Strat Rev 10:63-70 Spring '82

MBFR (Mutual and Balanced Force Reduction). John Borawski. Natl Def 67:13-14 Dec '82

M-X and the balance of power: Reasserting America's strength. Anthony H.Cordesman. illus tabs Armed Forces J Intl 120:21-22+ Dec '82

Major issues facing NATO. Stanley R.Sloan. illus Natl Def 66:20-22+ Mar '82

Manifesto of a German atlanticist. Franz Josef Strauss. Strat Rev 10:11-15 Summer '82

The military balance. International Institute for Strategic Studies. tabs charts map Pac Def Rep 8:67-168+ Dec '81/Jan '82

The Military Balance: 1981/82. International Institute for Strategic Studies. illus tabs Aerosp Intl 17: entire issue Jan-Feb '82

The Military Balance: 1982/83. International Institute for Strategic Studies. illus tabs maps AF Mag 65:61-70+ Dec '82

The Military Balance 82-83. International Institute for Strategic Studies. tabs illus Asian Def J pt 1, No.12:14+ Dec '82

The Military Balance, 1982-83. International Institute of Strategic Studies. illus tabs Mil Tech 6: entire issue Dec '82

Military power is the root of Soviet expansionism. Edgar Ulsamer. AF Mag 65:38-42+ Mar '82

Military reform and the art of war. Steven L.Canby. tabs Intl Sec Rev 7:245-268 Fall '82

Mutual deterrence and strategic arms limitation in Soviet policy. Raymond L.Garthoff. Strat Rev 10:36-51 Fall '82

BALANCE OF POWER - Continued

The myth of the Soviet threat. Steve Smith. illus RUSI J for Def Studies 127:41-49 Jun '82

NATO's estimate of the balance: The meaning for U.S. security policy. Anthony H.Cordesman. tabs map Armed Forces J Intl 119:48+ Aug '82

The Netherlands. LtGen C.Baas. illus NATO's Fifteen Nations Special Issue No.1:32+ '82

Nuclear freeze: A necessary first step. Def Monitor 11, No.7: entire issue '82

The other side of the hill--the Western threat to the Soviet Union. Vadim Zagladin. illus NATO's Fifteen Nations 27:22-24+ Aug-Sep '82

Pentagon rebuts charges of U.S. military weakness. Def Monitor 9, No.8A: entire issue '81

The Persian Gulf and the correlation of forces. W.Scott Thompson. Intl Sec 7: 157-180 Summer '82

Policy, strategy, & the budget: A new look at resources and approaches. Caspar W. Weinberger. illus tabs Defense/82, pp 2-9+, May '82

A rational approach to nuclear disarmament. Caspar W.Weinberger. por Defense/82, pp 2-7, Aug '82

(Reagan administration's arms control chief, Eugene V.Rostow). Interview. illus Natl Def 66:42+ Apr '82

The Reagan defense program: A focus on the strategic imperatives. Fred Charles Iklé. illus Strat Rev 10:11-18 Spring '82

Realities of American power in the 1980s. Marshal Neil Cameron and Gen Harry Tuzo. RUSI J for Def Studies 127:3-9 Mar '82

Restructuring the SALT dialogue. Jane M.O. Sharp. Intl Sec 6:144-176 Winter '81/'82

A revival for MBFR (Mutual and Balanced Force Reductions)? Stanley R.Sloan. Natl Def 67: 30-32+ Jul-Aug '82

Soviet arms buildup threatens parity with the west. Glenn E.Wasson. illus tab Def Elect 14:62+ Jan '82

Soviet crisis and western disunity: Contending timetables. Brian Crozier. Strat Rev 10:21-28 Fall '82

Soviet military spending: Assessing the numbers game. Franklyn D.Holzman. tabs Intl Sec 6:78-101 Spring '82

Soviet snow job. CAPT E.J.Thaubald. illus US Nav Inst Proc 108:62-68 Jun '82

Stalin's postwar army reappraised. Matthew A. Evangelista. tabs Intl Sec 7:110-138 Winter '82/'83

Strategic balance in the 1980's. Andrew C. Tuttle. illus Natl Def 67:22-25 Jul-Aug '82

BALANCE OF POWER - Continued

Strategic choice and maritime capabilities.
Adm James Eberle. illus US Nav Inst Proc
108:64-72 Apr '82

Strategic equivalence: What is it? How do we
get it? Richard K. Betts. AU Rev 33:20-28
Nov-Dec '81

The system will change. Edgar Ulsamer.
Interview. illus por AF Mag 65:38-41
Jul '82

Tactical nuclear weapons in Europe. Jonathan
Alford. NATO's Fifteen Nations Special
Issue No.2:76-78+ '81

Technology trade policy with the Communist
block. Sen William L. Armstrong. Signal
37:39-41 Oct '82

Theater nuclear arms control and forward-
based systems. John Borawski. AU Rev 33:
11-19 May-Jun '82

Theatre nuclear forces in Europe. Interna-
tional Institute for Strategic Studies.
tabs AF Mag 65:143-145 Dec '82

Things old, things new: Security challenges
in the 1980s. Keith A. Dunn. Parameters 12:
55-68 Jun '82

Time to strengthen our defenses. Gen Lew
Allen, Jr. illus por AF Mag 65:78-81
May '82

United States. Gen Charles A. Gabriel. illus
por NATO's Fifteen Nations Special Issue
No.1:43 '82

U.S. and Soviet weapon system design prac-
tices. CAPT J.W. Kehoe, Ret and K.S. Brower.
illus tabs Intl Def Rev 15, No.6:705-712
'82

U.S. is in a "disaster mode" vs USSR chemi-
cal warfare threat, DOD warns. Benjamin
F. Schemmer. tab Armed Forces J Intl 119:17+
Jan '82

U.S.-Soviet military facts: tabs map Def
Monitor 11, No.6: entire issue '82

U.S. strategic buildup can deter Soviet
supremacy. Sen David L. Boren. tab Intl Sec
Rev 6:411-436 Winter '81/'82

"We can count on our allies. I'm not sure
the Warsaw Pact can count on theirs."
Interview. Gen Charles A. Gabriel. illus
por Armed Forces J Intl 119:25-28+
Jan '82

We can't afford to lose the technological
edge. Edgar Ulsamer. AF Mag 65:92-95
Feb '82

Western deterrence: Posture and rationale.
GpCapt R.A. Mason. AU Rev 33:2-10 May-Jun
'82

What kinds of arms for Taiwan? Col Angus M.
Fraser, Ret. Strat Rev 10:76-81 Fall '82

Why the Soviets can't win quickly in Central
Europe. John J. Mearsheimer. maps tabs Intl
Sec 7:3-39 Summer '82

BALDWIN, Nigel B.

Strategy and the social dimension in the
1980s. WgComdr Nigel B. Baldwin. AU Rev 33:
112-115 Jan-Feb '82

BALLISTIC MISSILE EARLY WARNING SYSTEM

Communications vulnerability. Harry V. Martin.
map illus tab Mil Sci & Tech 2:42-48 '82

Toward a decision on ballistic missile de-
fense. Sen Pete V. Domenici. illus por Strat
Rev 10:22-27 Winter '82

BALLISTIC MISSILES see MissilesBALLOONS

Consider the balloon. LtCol John G. Heslin.
illus USA Avn Dig 27:31-33 Dec '81

Is there a maritime role for the airship?
Eugene M. Kolesnik. tab illus map RUSI J for
Def Studies 127:37-45 Mar '82

Proliferation kinetics of Paramecium tetra-
urelia in balloon-borne experiments.
F. Croue and others. illus tabs Aviation,
Space & Envmt Med 53:531-536 Jun '82

History

When Japan bombed Oregon. Don Miller. illus
Army 32:63-65 Feb '82

BALTIC SEA REGION

(Soviet Union) their Baltic Sea Fleet. Capt
Robert D. Wyman. illus map US Nav Inst Proc
108:156-159 Oct '82

Zapad 81: Successor to Okean? Gains for
USSR, and some lessons for NATO. Floyd D.
Kennedy, Jr. illus tab Sea Power 25:29-30+
Jan '82

Strategic Importance

Naval control of the Danish Straits. RADM
N.F. Lange. illus map NATO's Fifteen Nations
Special Issue No.2:36+ '82

The role of the German Navy in the Northern
Flank area. VADM Ansgar Bethge. illus
NATO's Fifteen Nations Special Issue No.2:
42-44+ '82

BANDS (MUSIC)

Military bands: Under fire but never under-
worked. W. Eric Casey and Benjamin F. Schem-
mer. illus Armed Forces J Intl 119:18+
Jul '82

BANKS AND BANKING

See also
Electronic Funds Transfer System

Defense takes actions to reduce bankruptcies.
Laurie Parker. AF Times 42:2 Jan 25 '82

Exim (Export-Import) Bank: A wise investment
for our economic vitality. Stuart E. Eizen-
stat. Govt Exec 14:29+ Mar-Apr '82

BANKS AND BANKING - Continued

IRAs confusing? Here's rundown. Paul Smith. tab AF Times 42:7 Jan 18 '82

Mandatory sure pay plan eyed for newcomers. Leonard Famiglietti. AF Times 42:2 Mar 22 '82

Military banking: Its past and promise. Ronald L. Adolphi. tab Armed Forces Compt pt 1, 26:18-22+ Fall '81; pt 2, 27:18-23 Winter '82; pt 3, 27:19-23 Spring '82; pt 4, 27:20-24 Summer '82

BARGES

Data network improves barge movements on waterways Operation and Maintenance of Navigational Installations (OMNI). illus Natl Def 67:17-18+ Oct '82

BARRACKS AND QUARTERS

See also
Housing

Air Force--U.S.

Congress okays \$1.5 billion for AF FY '82 construction. John Ginovsky. AF Times 42:7 Jan 4 '82

Armed Forces--U.S.

Commanders warned on barracks searches. AF Times 42:17 Apr 12 '82

Congress orders standard barracks. Paul Smith. AF Times 43:3 Oct 18 '82

Senate staffers in Korea hit housing, life quality. AF Times 42:7 Jan 25 '82

Army--U.S.

Housing. illus Soldiers 37:20-22 Jan '82

Modular living at sea. Sondi B. Silcio. illus Translog 13:5-6 Oct '82

Equipment

Word processing for warehouse inventory control. Richard Foster II. Army Log 14:36-37 Mar-Apr '82

BARRIERS (MILITARY SCIENCE) see Obstacles (Military Science)BARROW, Robert H.

CMC FY '83 posture statement. illus map tabs por MarCor Gaz 66:30-41 Apr '82

Marine Corps--in crisis or conflict, ready to respond. Gen Robert H. Barrow. illus Defense/82, pp 18-23, Apr '82

Reorganizing the JCS. por MarCor Gaz 66:33-35 Sep '82

BASE EXCHANGES see ExchangesBASE OPERATIONS

The Army joins the computer revolution. William Bogie. illus Natl Def 67:48-50 Jul-Aug '82

Ops topics. Regular feature in some issues of Flying Safety

BATTERIES

Battery war communique. Robert D. McClanahan. illus Army Log 14:26-29 Mar-Apr '82

BATTLEFIELD SURVEILLANCE see SurveillanceBATTLEFIELDS

The armor force in the airland battle. Maj Michael S. Lancaster. Armor 91:26-32 Jan-Feb '82

Deep thrust on the extended battlefield. Majs James C. Barbara and Robert F. Brown. illus Mil Rev 62:21-32 Oct '82

New concepts in battlefield communications--
part 1: Fast frequency hopping. P.E. Van. illus Intl Def Rev pt 1, 15, No. 3:327-330 '82; pt 2: Slow/medium frequency hopping. Gowri S. Sundaram. 15, No. 5:559-563 '82

BATTLES

See also subdivision Campaigns and Battles under specific wars, e.g., Korean War, 1950-1953--Campaigns and Battles Vietnamese Conflict, 1957-1975--Campaigns and Battles
World War I--Campaigns and Battles
World War II--Campaigns and Battles

Battle at Hue City. Keith William Nolan. illus map US Nav Inst Proc 108:50-58 Apr '82

Dateline: Little Big Horn. Maj Clifford H. Bernath. illus Soldiers 37:48-51 Oct '82

Fighting in Afghanistan. Lt Paul H. Vivian. illus Infantry 72:17-21 Jan-Feb '82

The order of battle officer. Maj Daniel A. Jurchenko and Capt Scott R. Gourley. illus Fld Arty J 50:15-17 Nov-Dec '82

BAYONETS

The bayonet. John P. Garzone. tab Infantry 72:34-36 Mar-Apr '82

Charge! (Bayonet assault course taught at Ft Benning, GA) illus Army 32:34-35 Jul '82

BEAM WEAPONS

The application of directed energy weapons to air defence. SqLdr K.R.A. Trotter. Hawk, pp 65-72, Feb '82

Beam weapons in space--a reality we must confront. Maj Steven E. Cady. AU Rev 33:33-39 May-Jun '82

BEAM WEAPONS - Continued

Laser weapons, tactical lasers: Moving toward lethality. Jeff Hecht. illus Mil Elect/Countermeasures pt 1, 8:42+ Jun '82; pt 2, Strategic laser weapons. 8:16-19 Jul '82; pt 3, High-energy lasers for weapons applications. 8:73-75 Aug '82

Particle beam weapons. Kurt Arbenz. illus Armada Intl 6:74+ Jul-Aug '82

Space-based laser battle stations. Kurt Arbenz. illus Armada Intl 6:68+ Jul-Aug '82

BECTON, Julius W., Jr

Seven goals provide guiding light. LtGen Julius W. Becton, Jr. illus Officer 58:12-14 Oct '82

BENEFITS see

Bonuses
Fringe Benefits
Survivor Benefit Plan
Survivors Rights and Benefits
Veterans Benefits

BERKMAN, William R.

(Army) Reserve: A review and look ahead. MajGen William R. Berkman. illus por Officer 58:22-24 Apr '82

Army Reserve aviation today. MajGen William R. Berkman. illus por USA Avn Dig 27:2-5 Dec '81

The Army's Reserves, but in name only. MajGen William R. Berkman. illus Army 32:152-155+ Oct '82

BERLIN

Berlin: A great city scarred by a recent past. Karen E. Thuermer. illus Sergeants 20:22-23 Jun '82

MOUT (Military Operations on Urbanized Terrain) ARTEP (Army Training and Evaluation Program). illus Soldiers 37:34-36 Mar '82

Soviets meet Americans in Berlin: Confrontation in July. Kaye Martin Johnson. illus Army 32:24-28+ Jul '82

BERLIN AIRLIFT

Air bridge to Berlin: The Berlin airlift. H.R. Kaplan. illus Sergeants 20:18-21 Jun '82

BHUTANForeign RelationsChina

Bhutan--the Dragon Kingdom. Zulfikar A. Khalid. map Asian Def J No.12:30-31 Dec '82

India

Bhutan--the Dragon Kingdom. Zulfikar A. Khalid. map Asian Def J No.12:30-31 Dec '82

BHUTAN - ContinuedHistory

Bhutan--the Dragon Kingdom. Zulfikar A. Khalid. map Asian Def J No.12:30-31 Dec '82

Politics and Government

Bhutan--the Dragon Kingdom. Zulfikar A. Khalid. map Asian Def J No.12:30-31 Dec '82

BICYCLES see Motorcycles and BicyclesBIOGRAPHY

See also subdivision Biography under specific subjects

(Comdr John M.) Brooke of Confederate naval ordnance. M.L. Brown. illus tab Natl Def 66:34-38 May-Jun '82

The military ethics of General William T. Sherman: A reassessment. John W. Brinsfield. Parameters 12:36-48 Jun '82

USAF's birthday--gutsy pioneers, now memories, pushed military aviation ahead. Bruce Callander. illus AF Times 43:7 Sep 20 '82

BIOLOGICAL RESEARCH

Proliferation kinetics of Paramecium tetraurelia in balloon-borne experiments. F. Croute and others. illus tabs Aviation, Space & Envmt Med 53:531-536 Jun '82

BIOLOGICAL RHYTHMS

Altitude and hypoxia as phase shift inducers. I.E. Ashkenazi and others. tabs Aviation, Space & Envmt Med 53:342-346 Apr '82

Circadian rhythm. Mike Vouri. illus Air Reservist 34:6-7 Mar '82

BIOLOGICAL WARFARE see Chemical-Biological WarfareBIORHYTHMS see Biological RhythmsBIRDS

Bird avoidance model. Capt Jeffrey J. Short. illus tab maps Flying Safety 38:12-15 Jun '82

Pigeons at war. illus Army 32:36-37 Aug '82

BISSELL, Schuyler

Air Force Intelligence Service. illus por AF Mag 65:126 May '82

BLACK, Edwin F.

(Soviet Union) their fourth succession. BrigGen E.F. Black, Ret. illus US Nav Inst Proc 108:102-108 Oct '82

BLACK SEA REGIONStrategic Importance

Naval control of the Turkish Straits. Adm Nejat Tümer. map illus NATO's Fifteen Nations Special Issue No.2:84+ '82

BLACKS IN THE ARMED FORCES

Black-white relations in the U.S. military 1940-1972. Maj Alan M.Osur. AU Rev 33:69-70 May-Dec '81

The burden of the draft: The Vietnam years. Patricia M.Shields. tabs J Pol & Mil Sociol 9:215-228 Fall '81

The case against a peacetime draft. Mike Kelly. Strat Rev 10:64-75 Fall '82

1st black, woman selected for shuttle missions. AF Times 42:4 May 3 '82

Is it time to reinstate the draft? L.Edgar Prina. illus Sea Power 25:48-51 Sep '82

Is the AVF (All-Volunteer Force) too black? LtCol F.L.Jones. illus MarCor Gaz 66:69-73 Oct '82

Marketing and merchandising to the Black military patron. Lafayette Jones. illus tabs Interservice 2:27-30+ Winter '82

Perceived discrimination and the military experience. John S.Butler and Malcolm D. Holmes. illus tabs J Pol & Mil Sociol 9:17-30 Spring '81

Racial imbalance cause for dilemma. Tom Philpott. AF Times 42:7 Jul 12 '82

History

All-Black Guard Infantry regiments leave mark on military history. illus Natl Guard 36:17-18 May '82

The Army's Black tank battalions. 1stLt Dale E.Wilson. illus Armor 91:30-31 Mar-Apr '82

BLIMPS see AirshipsBLOOD

The effects of horizontal body casting on blood volume, drug responsiveness, and G_z tolerance in the rhesus monkey. D.T.Dickey and others. tabs Aviation, Space & Envmt Med 53:142-146 Feb '82

Postexercise blood pressure as a predictor of hypertension. R.Davidoff and others. tabs Aviation, Space & Envmt Med 53:591-594 Jun '82

A practical ultrasonic plethysmograph. Vic C. Wu and others. illus tabs Aviation, Space & Envmt Med 53:375-378 Apr '82

Regional distribution of cardiac output in unanesthetized baboons during $+G_z$ stress with and without an anti-G suit. M.Harold Laughlin and others. tabs Aviation, Space & Envmt Med 53:133-141 Feb '82

Ventilation and acid-base equilibrium for upper body and lower body exercise. Michael N.Sawka and others. tabs Aviation, Space & Envmt Med 53:354-359 Apr '82

BOATS

Maritime distress signal kits. TIG Brief 34:20 Apr 16 '82

BODYCOMBE, Richard

Air Force Reserve. por illus tab AF Mag 65:145-148 May '82

The total force--the three M's of Air Force Reserve. MajGen Richard Bodycombe. illus por AF Mag 65:46-47 Oct '82

BOLTE, Philip L.

It's time to assign one of two missions to each of the U.S.' two large "armies." BrigGen Philip L.Bolte. illus Armed Forces J Intl 119:65+ Jan '82

BOMBER UNITS

Jamming Jerry's radar. Horace Corigliano. illus J of Elect Def 5:64-65 Dec '82

BOMBING

ARNIE (AN/ARN-101 Digital Modular Avionics System)--the WSO's friend. Capt Randall R. Schmidt. Navigator 29:18-19 Winter '82

Airborne bombs and fuzes. Vittorio Di Sambuy and others. tabs illus Asian Def J No.3:78-82 Mar '82

Airfield attack: Another approach. Capt Mark Baker. tabs illus USAF Ftr Wpns Rev, pp 23-27, Summer '82

Conventional aerial bombing and the law of war. W.Hays Parks. illus US Nav Inst Proc 108:98-117 May '82

Dive toss: Prior to the pass. Capt Wesley B. Hester. illus USAF Ftr Wpns Rev No.4:9-12 Spring '82

An effort to regulate aerial bombing: The Hague Commission of Jurists, 1922-1923. Lester H.Brune. illus Aerosp Hist 29:183-185 Sep '82

Listen when Arnie (ARN-101 system) speaks. Maj Bob French. tab illus USAF Ftr Wpns Rev, pp 9-12, Summer '82

MAP (Minimum Attack Perimeter) has driven me to MAD (Minimum Approach Distance). Cpts Gary L.Hooker and Paul Dordal. illus USAF Ftr Wpns Rev No.4:6-8 Spring '82

Rhino brain transplant (F-4 now modified with the Digital Target Intercept Computer (LRU-1)). Capt Tom Graves. illus USAF Ftr Wpns Rev, p 13+, Summer '82

BOMBING, NAVIGATION, ETCCompetitionsAir Force

SAC's bombing and navigation competition 82. Combat Crew 33:14-15 Nov '82

Triangle-K returns. Capt Barry A.McQueen. illus Aerosp Hist 29:269-273 Dec '82

BOMBING AND GUNNERY RANGES

Armor gunnery ranges. Maj Donald B. Skipper.
Armor 91:42-43 Sep-Oct '82

BOMBINGS, TERRORIST see TerrorismBOMBSSee also

Neutron Bomb
Nuclear Bombs

Airborne bombs and fuzes. Vittorio Di Sambuy
and others. tabs illus Asian Def J No.3:78-
82 Mar '82

Runway busting--current anti-runway weapons.
Mark Hewish. illus Interavia 37:83-85
Jan '82

When Japan bombed Oregon. Don Miller. illus
Army 32:63-65 Feb '82

Guidance and Control

Electro optics in EW--simulating weather
and EW effects on IR and EO systems. Mer-
ton H. Crowell. illus J of Elect Def 5:37-
39+ Jan '82

BONUSES

Approved benefits remain unfunded. Martha
Lynn Craver. AF Times 42:1+ Jul 19 '82

Bonus program seen as effective. Leonard
Famiglietti. AF Times 42:3 Jan 18 '82

'Competitive' pay DOD's concern for FY '83.
AF Times 42:3 Mar 15 '82

DOD to allow fractions of SRB multiples. AF
Times 42:14 May 24 '82

Engineers, scientists--AF devises bonus plan
up to \$12,000 for staying. Leonard Famig-
lietti. AF Times 42:3 May 3 '82

(A House Armed Services) Panel likely to OK
8% hike; others seek freeze. Martha Lynn
Craver. AF Times 42:1+ May 3 '82

Less than full multiple SRBs to be paid
April 1. Don Mace. AF Times 42:1+ Mar 15
'82

Oct 1: 4% for most; E-1s still in doubt.
Martha Lynn Craver. AF Times 43:1+
Sep 27 '82

Pay raise: Backing off 8 percent figure.
Martha Lynn Craver. AF Times 42:1+
May 10 '82

Pay raise safe for all; bonuses in danger.
Martha Lynn Craver. AF Times 43:10
Oct 4 '82

Per diem equity tops 'need' list. AF Times
42:3 Jan 4 '82

Plan would shift part of raises to bonuses.
Tom Philpott. AF Times 42:1+ Mar 15 '82

Pregnant exits: Bonus repayment? Tom Phil-
pott. AF Times 43:2 Sep 6 '82

Raise shift to bonus turns off task force.
Paul Smith. AF Times 42:1+ Mar 29 '82

BONUSES - Continued

Senate panel guts people programs. Martha
Lynn Craver. AF Times 43:1+ Oct 4 '82

Some skills lose reenlistment bonus. Bruce
Callander. AF Times 42:1+ Jan 4 '82

10 skills lose SRB Jan 24; lower rates for
12. AF Times 42:1+ Jan 11 '82

Travel funds get House panel okay--bonuses
cut back. Martha Lynn Craver. AF Times
43:1+ Nov 29 '82

\$2.4B Senate cuts affect bonus \$. Paul
Smith. AF Times 42:1+ May 31 '82

BOOK REVIEWS

Afghanistan: Key to a Continent, by J.C.
Griffiths. Mil Rev 62:94-95 Feb '82

The Air War 1939-1945, by R.J. Overly. AU Rev
33:115-119 Jan-Feb '82

Alanbrooke, by D. Fraser. Jt Persp 2:104-106
Spring '82

Allies: Pearl Harbor to D-Day, by J.S.D.
Eisenhower. Army 32:65-66 Aug '82

America Arms for a New Century: The Making of
a Great Military Power, by J.L. Abrahamson.
Mil Rev 62:87 Mar '82

American National Security: Policy and Pro-
cess, by A.A. Jordan and W.J. Taylor, Jr. Mil
Rev 62:89 Feb '82

American Politics: The Promise of Dis-
harmony, by S.P. Huntington. J Pol & Mil
Sociol 10:331-333 Fall '82

American Thinking about Peace and War, edited
by K. Booth and M. Wright. NATO's Fifteen
Nations Special Issue No.2:118 '81

Antitank: An Airmechanized Response to
Armored Threats in the 90s, by R.E. Simpkin.
RUSI J for Def Studies 127:76 Sep '82; Mil
Rev 62:82-83 Dec '82

Appomattox Commander: The Story of General
E.O.C. Ord, by B. Cresap. Mil Rev 62:87 May
'82

Arab-Israeli Wars, by A.J. Barker. Strat Rev
10:80-83 Spring '82

The Art of Leadership in War; the Royal Navy
from the Age of Nelson to the End of World
War II, by J. Horsfield. MarCor Gaz 66:61-
62 Dec '82

At Dawn We Slept, by G.W. Prange. Sea Power
25:42-44 Feb '82

The Battle for Guadalcanal, by S.B. Griffith.
MarCor Gaz 66:88-89 May '82

Between Peace and War: The Nature of Inter-
national Crisis, by R.N. Lebow. Army 32:57
Jan '82; Mil Rev 62:95-96 Apr '82

Breakthrough: A Personal Account of the
Egypt-Israel Peace Negotiations, by M. Dayan.
Strat Rev 10:65-67 Winter '82

BOOK REVIEWS - Continued

- Bring Me Men and Women: Mandated Change at the U.S. Air Force Academy, by J.H.Stiehm. AU Rev 33:102-106 Jul-Aug '82
- By Ships Alone; Churchill and the Dardanelles, by J.D.Wallin. MarCor Gaz 66: 74-75 Oct '82
- The Chiefs of Naval Operations, edited by R.W.Love, Jr. Nav War Col Rev 35:102-106 Jul-Aug '82
- China, the Soviet Union, and the West: Strategic and Political Dimensions in the 1980s, by D.T.Stuart and W.T.Tow. Nav War Col Rev 35:117-118 Jul-Aug '82; Mil Rev 62:87-88 Sep '82
- The Chinese Military System: An Organizational Study of the Chinese People's Liberation Army, 2d edition, by H.W.Nelsen. Parameters 12:100 Jun '82
- Chosin: Heroic Ordeal of the Korean War, by E.Hammel. MarCor Gaz 66:72 Sep '82
- Churchill and De Gaulle, by F.Kersaudy. Mil Rev 62:88-89 Oct '82
- Combat Effectiveness: Cohesion, Stress, and the Volunteer Military, edited by S.C. Sarkesian. Natl Def 66:66-67 Mar '82; Armed Forces & Soc 8:667-670 Summer '82
- Command and Control and Communications Structures in Southeast Asia, by J.J.Lane, Jr. Signal 36:70 Apr '82
- The Communist Parties of Italy, France and Spain: Postwar Change and Continuity, edited by P.Lange and M.Vannicelli. Mil Rev 62:91 Mar '82
- The Communist Road to Power in Vietnam, by W.J.Duiker. Natl Def 67:89-90 Jul-Aug '82
- Confrontation in Space, by G.H.Stine. Strat Rev 10:68-70 Winter '82
- Contemporary Terror--Studies in Sub-state Violence, edited by D.Carlton and C.Schaerf. RUSI J for Def Studies 127:67 Jun '82
- Corsair the F4U in World War II and Korea, by B.Tillman. MarCor Gaz 66:91 May '82
- Counterattack: The West's Battle Against the Terrorists, by C.Dobson and R.Payne. Nav War Col Rev 35:113-115 Sep-Oct '82
- Covering Islam: How the Media and the Experts Determine How We See the Rest of the World, by E.W.Said. Mil Rev 62:89-90 Jan '82
- The Creation of the Anglo-American Alliance, 1937-41, by D.Reynolds. Parameters 12:92-93 Sep '82
- The Crucible of War: Western Desert, 1941, by B.Pitt. Mil Rev 62:91-92 Apr '82
- Cruise Missiles: Technology, Strategy, Politics, edited by R.K.Betts. Mil Rev 62:93-94 Sep '82
- Defense or Delusion? America's Military in the 1980s, by T.H.Etzold. US Nav Inst Proc 108:100 Apr '82; Mil Rev 62:90-91 Oct '82

BOOK REVIEWS - Continued

- Dictatorships and Double Standards: Rationalism and Reason in Politics, by J.J.Kirkpatrick. Strat Rev 10:92-93 Fall '82
- Diplomacy of Power: Soviet Armed Forces as a Political Instrument, by S.S.Kaplan. Parameters 12:97-98 Mar '82; Army 32:97 Jun '82
- The Domestic Context of Soviet Foreign Policy, edited by S.Bialer. Army 32:97 Jun '82
- A Dream of Wings: Americans and the Airplane, 1875-1905, by T.D.Crouch. AU Rev 33:100-106 Mar-Apr '82
- The Dynamics of Doctrine: The Changes in German Tactical Doctrine During the First World War, by T.T.Lupfer. MarCor Gaz 66: 76-77 Jun '82
- The ELF Odyssey: National Security Versus Environmental Protection, by L.L.Klessig and V.L.Strite. Natl Def 66:79-80 Jan '82
- The Eagles of Mitsubishi, by J.Horikoshi. Air Def Mag, p 59, Apr-Jun '82
- East Central Europe: Yesterday, Today, Tomorrow, edited by M.Drachkovitch. Nat Def 67:61 Dec '82
- Eighth Voyage of the Dragon: A History of China's Quest for Seapower, by B.Swanson. Nav War Col Rev 35:107-108 Sep-Oct '82
- Eisenhower: A Reputation in Transition. David MacIsaac. Review essay. AU Rev 33: 86-90 Sep-Oct '82
- Eisenhower and the Cold War, by R.A.Divine. Mil Rev 62:92 Jan '82
- Eisenhower's Lieutenants: The Campaigns of France and Germany, 1944-1945, by R.F. Weigley. Mil Rev 62:86-87 Jan '82; Strat Rev 10:73-74 Winter '82; Nav War Col Rev 35:83-87 Jan-Feb '82; MarCor Gaz 66:62-64 Jul '82
- El Salvador: Central America in the New Cold War, edited by M.E.Gettleman and others. Mil Rev 62:88-89 Apr '82
- Electronic Warfare: Element of Strategy and Multiplier of Combat Power, by D.E.Gordon. J of Elect Def 5:70 Feb '82
- The End of an Alliance: James F.Byrnes, Roosevelt, Truman, and the Origins of the Cold War, by R.L.Messer. Parameters 12:99-100 Dec '82
- The End of the Line: The Siege of Khe Sanh, by R.Pisor. Army 32:71-72 Sep '82; MarCor Gaz 66:108 Nov '82
- The Endless Space Frontier: A History of the House Committee on Science and Astronautics, 1959-1978, by K.Hechler. Aerosp Hist 29:212-213 Sep '82
- The Enemy Is Listening, by A.Clayton. AF Mag 65:128-129 Mar '82
- Everything We Had: An Oral History of the Vietnam War by Thirty-three American Soldiers Who Fought It, compiled by A.Santoli. AF Mag 65:96 Jan '82

BOOK REVIEWS - Continued

- The Evolution of Nuclear Strategy, by L.Freedman. NATO's Fifteen Nations 27:90 Apr-May '82; RUSI J for Def Studies 127: 66-67 Sep '82
- F4U Corsair at War, by R.Abrams. MarCor Gaz 66:89+ May '82
- Facing Reality: From World Federalism to the CIA, by C.Meyer. Infantry 72:47-48 May-Jun '82
- Fight for the Falklands! Why and How Britain and Argentina Went to War--from Invasion to Surrender, by J.Laffin. US Nav Inst Proc 108:101 Nov '82
- First Line of Defense: The U.S. Navy since 1945, by P.B.Ryan. MarCor Gaz 66:77 Mar '82
- Follow Me, by A.S.Newman. Army 32:73 Apr '82
- The Forces of Freedom in Spain, 1974-1979: A Personal Account, by S.D.Eaton. Mil Rev 62:91 Jan '82
- Forged in Fire, by D.S.Copp. AF Times 43:19 Oct 25 '82; AF Mag 65:116 Nov '82
- Forward into Battle: Fighting Tactics from Waterloo to Vietnam, by P.Griffith. RUSI J for Def Studies 127:81 Mar '82
- The Franco-Prussian War, by M.Howard. Mil Rev 62:94-95 Jun '82
- Gallipoli, by A.Moorehead. MarCor Gaz 66:75 Oct '82
- A Genius for War, by T.N.Dupuy. MarCor Gaz 66:72+ Jun '82
- The Germans, by G.A.Craig. Mil Rev 62:83-84 Dec '82
- The Global Politics of Arms Sales, by A.J. Pierre. Def & For Aff 10:31 Jan-Feb '82
- A Glorious Way to Die: The Kamikaze Mission of the Battleship Yamato, April 1945, by R.Spurr. US Nav Inst Proc 108:93-94 Jul '82
- Grant: A Biography, by W.S.McFeely. Parameters 12:98-100 Mar '82; Army 32:72-73 Mar '82
- The Gun Merchants: Politics and Policies of the Major Arms Suppliers, edited by C.Canizzo. Natl Def 66:67 Mar '82
- High Frontier: A New National Strategy, by D.O.Graham. Strat Rev 10:58-61 Summer '82
- A Higher Form of Killing, by R.Harris and J.Paxman. RUSI J for Def Studies 127:68 Sep '82
- The History of the Soldier, by A.Sanguinetti. Armed Forces & Soc 8:346-349 Winter '82
- Hitler's Secret War in South America, 1939-1945, by S.E.Hilton. Jt Persp 2:106-107 Spring '82
- Horn of Africa, by P.Caputo. US Nav Inst Proc 108:122 Mar '82
- How To Avoid Strategic Materials Shortages, by B.O.Szuprowicz. Natl Def 66:64-65 Feb '82

BOOK REVIEWS - Continued

- How to Make War: A Comprehensive Guide to Modern Warfare, by J.F.Dunnigan. MarCor Gaz 66:67-68 Jul '82
- If Germany Attacks: The Battle in Depth in the West, by G.C.Wynne. MarCor Gaz 66:71-72 Jun '82
- The Indian Ocean in Global Politics, edited by L.W.Bowman and I.Clark. Natl Def 67:60 Dec '82
- Infamy, Pearl Harbor and Its Aftermath, by J.Toland. US Nav Inst Proc 108:97-99 Sep '82; Parameters 12:89-90 Sep '82; Army 32:74-75 Nov '82
- Inside the Iranian Revolution, by J.D.Stempel. Nav War Col Rev 35:90-91 May-Jun '82; Mil Rev 62:84 Dec '82
- Insurgency in the Modern World, edited by B.E.O'Neill and others. RUSI J for Def Studies 127:72-73 Mar '82
- Integration of the Armed Forces, 1940-1965, by M.J.MacGregor, Jr. Army 32:96 Jun '82; J Pol & Mil Sociol 10:353-355 Fall '82
- International Terrorism: Background and Response. (Review essay) Richard G.Braungart and Margaret M.Braungart. J Pol & Mil Sociol 9:263-288 Fall '81
- Iran: The Untold Story: An Insider's Account of America's Iranian Adventure and Its Consequences for the Future, by M.Heikal. Mil Rev 62:89-90 Sep '82
- Islam and Revolution: Writings and Declaration of Imam Khomeini, by H.Algar. Islamic Def Rev 7, No.3:34-36 '82
- The Israeli-Egyptian War of Attrition, 1969-1970: A Case-Study of Limited Local War, by Y.Bar-Siman-Tov. J Pol & Mil Sociol 9: 299-301 Fall '81
- Jellicoe, by J.Winton. US Nav Inst Proc 108: 99-100 Apr '82
- The KGB--the Eyes of Russia, by H.Rositzke. AF Mag 65:129-130 Mar '82; Natl Def 67:91 Jul-Aug '82
- Kennedy and the Berlin Wall Crisis: A Case Study in U.S. Decision-Making, by H.M. Catudal. RUSI J for Def Studies 127:81-82 Mar '82
- The King's Honor and the King's Cardinal: The War of the Polish Succession, by J.L.Sutton. Army 32:74-75 Apr '82
- Korea: The Untold Story of the War, by J.C. Goulden. Army 32:73-74 Apr '82; AF Mag 65:188 Sep '82; Parameters 12:91-92 Sep '82
- The Kurdish Question in Iraq, by E.Gbareeb. Def & For Aff 9:31 Oct '81
- Latin American Politics and Development, edited by H.J.Wiarda and H.F.Kline. AU Rev 33:107 Mar-Apr '82
- Lessons From an Unconventional War: Reassessing US Strategies for Future Conflicts, edited by R.A.Hunt and R.H.Schultz, Jr. Mil Rev 62:80 Dec '82

BOOK REVIEWS - Continued

The Liberators: Inside the Soviet Army, by V. Suvorov. Pac Def Rep 8:74 Mar '82

Lost Victories, by E. von Manstein. MarCor Gaz 66:70-71 Jun '82

MIG Master: The Story of the F-8 Crusader, by B. Tillman. MarCor Gaz 66:91 May '82

The March to the Marne, by D. Porch. Army 32: 66+ Aug '82

A Marine Tells It to You, by F.M. Wise & M.O. Frost. MarCor Gaz 66:62-63 Dec '82

The Media and Political Violence, by R. Clut-terbuck. RUSI J for Def Studies 126:69-70 Dec '81

The Middle East and North Africa: The Chal-lenge to Western Security, by P. Duignan and L.H. Gann. Mil Rev 62:92-93 Jun '82

Military Leadership, edited by J.H. Buck and L.J. Korb. Army 32:95-96 Jun '82

Military Service in the United States, edited by B. Scowcroft. US Nav Inst Proc 108:96-97 Aug '82

The Military: The Theory of Land Warfare as Behavioral Science, by H.H. Turney-High. Parameters 12:95-96 Sep '82

Miracle at Midway, by G.W. Prange and others. MarCor Gaz 66:64-65 Dec '82

Mission to Iran, by W.H. Sullivan. Strat Rev 10:83-85 Spring '82

Mixed Company: Women in the Modern Army, by H. Rogan. Mil Rev 62:89 Jul '82; Parameters 12:94-95 Sep '82

Monty: The Making of a General, 1887-1942, by N. Hamilton. Army 32:57-58 Jan '82; AF Mag 65:94 Apr '82; Natl Def 66:62 Apr '82; MarCor Gaz 66:70-71 Apr '82

NATO After Thirty Years, edited by L.S. Kaplan and R.W. Clawson. NATO's Fifteen Nations 26: 82 Dec '81-Jan '82

National Defense, by J. Fallows. Nav War Col Rev 34:102-103 Nov-Dec '81; Intl Sec 6: 174-182 Spring '82

National Service: Social, Economic, and Military Impacts, by M.W. Sherraden and D.J. Eberly. J Pol & Mil Sociol 10:349 Fall '82

The Naval Air War in Vietnam, by P.B. Mersky and N. Polmar. Mil Rev 62:89 Jan '82; Natl Def 66:78 Jan '82; Natl Def 66:66 Feb '82; Nav War Col Rev 35:80-81 Jan-Feb '82; US Nav Inst Proc 108:93-94 Jun '82

Neither Athens nor Sparta: The American Ser-vice Academies in Transition, by J.P. Lovell. Natl Def 66:67 Feb '82

New Eye for the Navy: The Origin of Radar at the Naval Research Laboratory, by D.K. Allison. Nav War Col Rev 35:88-89 May-Jun '82

BOOK REVIEWS - Continued

The New Humanitarian Law of Armed Conflict, vol 1, edited by A. Cassese. J Pol & Mil Sociol 10:355-356 Fall '82

The New Red Legions: An Attitudinal Portrait of the Soviet Soldier, by R.A. Gabriel. Natl Def 66:66-67 Feb '82

Nicaragua: The Land of Sandino, by T.W. Walker. Natl Def 67:77 Oct '82

Night Witches: The Untold Story of Soviet Women in Combat, by B. Myles. Mil Rev 62:94 Oct '82

No Hiding Place, by R.D. McFadden. Nav War Col Rev 35:92-94 May-Jun '82

Notable Naval Books of 1981. Craig L. Symonds. US Nav Inst Proc 108:85-88 Jan '82

The Nuclear Revolution: International Poli-tics Before and After Hiroshima, by M. Man-delbaum. Intl Sec 6:195-206 Winter '81/'82

Nuclear Strategy in a Dynamic World, by D.M. Snow. AU Rev 33:77-80 May-Jun '82

OSS: The Secret History of America's First Central Intelligence Agency, by R.H. Smith. Mil Rev 62:91-92 Feb '82

The Old Corps--a Portrait of the U.S. Marine Corps Between the Wars, by R.H. Williams. MarCor Gaz 66:108 Nov '82

Old Gimlet Eye, by L. Thomas. MarCor Gaz 66: 62-63 Dec '82

On a Field of Red: The Communist Internation-al and the Coming of World War II, by A.C. Brown and C.B. MacDonald. Mil Rev 62:93-94 Jun '82

On Strategy: The Vietnam War in Context, by H.G. Summers, Jr. Mil Rev 62:86-87 May '82; Strat Rev 10:65-67 Summer '82; MarCor Gaz 66:75-76 Aug '82

The Origin of the Strategic Cruise Missile, by R. Huisken. Nav War Col Rev 34:105-106 Nov-Dec '81

P.O.W., by R. Garrett. Strat Rev 10:61-63 Summer '82

The Pacific War, by J. Costello. Army 32:81-82 May '82; Mil Rev 62:91-92 Aug '82

The Papers of George Catlett Marshall. Vol I: The Soldierly Spirit, December, 1880-June 1939, by G.C. Marshall. Army 32:81 Feb '82; Parameters 12:93-95 Dec '82

Patton's Gap: An Account of the Battle of Normandy, 1944, by R. Rohmer. Army 32:57-58 Jan '82; Mil Rev 62:90-91 Feb '82

A Perspective on Infantry, by J.A. English. MarCor Gaz 66:64-65 Jul '82

Planning U.S. Security, edited by P.S. Kronen-berg. Mil Rev 62:93 Nov '82

The Pledge Betrayed, by T. Bower. Army 32: 65-66 Jul '82

Prospects of Soviet Power in the 1980s, ed-ited by C. Bertram. Mil Rev 62:93 Apr '82

BOOK REVIEWS - Continued

- Radical Principles: Reflections of an Unreconstructed Democrat, by M.Walzer. Mil Rev 62:93 Jun '82
- Raid! The Untold Story of Patton's Secret Mission, by R.Baron and others. Army 32: 81-82 Feb '82
- Red Navy at Sea: Soviet Naval Operations on the High Seas, 1956-1980, by B.Watson. AF Mag 65:80-81 Aug '82
- Red Sun Setting: The Battle of the Philippine Sea, by W.T.Y'Blood. J Pol & Mil Sociol 10:356-358 Fall '82
- Richmond Redeemed: The Siege at Petersburg, by R.J.Sommers. Parameters 12:93-94 Mar '82
- Rickover: Controversy and Genius, a Biography, by N.Polmar and T.B.Allen. Armed Forces J Intl 119:72-73 Jan '82; US Nav Inst Proc 108:100-101 Apr '82; Natl Def 66:62-63 Apr '82; Sea Power 25:153-154 Apr '82; Nav War Col Rev 35:69-70 Mar-Apr '82
- The Road to Confrontation: American Policy Toward China and Korea, 1947-1950, by W.W. Stueck, Jr. Mil Rev 62:90-91 Apr '82
- The Road to Nuremberg, by B.F.Smith. RUSI J for Def Studies 127:78-79 Mar '82
- Rolling Thunder: Understanding Policy and Program Failure, by J.C.Thompson. J Pol & Mil Sociol 9:139-141 Spring '81
- Rome '44: The Battle for the Eternal City, by R.Trevelyan. Army 32:66 Jul '82
- Rommel: Battles and Campaigns, by K.Macksey. MarCor Gaz 66:75-76 Jun '82
- Roots of Confrontation in South Asia: Afghanistan, Pakistan, India and the Superpowers, by S.A.Wolpert. Mil Rev 62:94-95 Sep '82
- The Royal Navy Today and Tomorrow, by J.R. Hill. US Nav Inst Proc 108:94-95 Dec '82
- Russia's Failed Revolutions: From the Decembrists to the Dissidents, by A.B.Ulam. Nav War Col Rev 34:112-113 Nov-Dec '81; AU Rev 33:107-111 Jan-Feb '82
- Saudi-American Relations, by B.L.Grayson. Strat Rev 10:94-95 Fall '82
- Scarlet to Green: Canadian Army Intelligence, 1903-1963, by S.R.Elliott. Army 32:73-74 Nov '82
- Sea Power: A Naval History, 2d edition, by E.B.Potter. Nav War Col Rev 35:73-76 May-Jun '82; MarCor Gaz 66:74 Oct '82
- Sea Power and Strategy in the Indian Ocean, by A.J.Cottrell and others. Natl Def 67:60 Dec '82
- Sea Power of the State, 2d edition, by S.G. Gorshkov. Sea Power 25:43+ May '82
- The Secretary of Defense, by D.Kinnard. Army 32:82-83 Feb '82
- Self-Portrait of a Hero: The Letters of Jonathan Netanyahu (1963-1976), edited by B.Netanyahu and I.Netanyahu. MarCor Gaz 66:65-66 Jul '82

BOOK REVIEWS - Continued

- Setting National Priorities, the 1982 Budget, edited by J.A.Pechman. Nav War Col Rev 34:108-110 Nov-Dec '81
- The Shape of Wars To Come, by D.Baker. NATO's Fifteen Nations 26:82 Dec '81-Jan '82
- Silence Was a Weapon: The Vietnam War in the Villages, by S.A.Herrington. Parameters 12: 97-98 Dec '82
- Simulating Terrorism, by S.Sloan. J Pol & Mil Sociol 9:289-290 Fall '81; Army 32: 66-67 Jul '82
- Sino-Soviet Relations Since Mao, by C.G. Jacobsen. Mil Rev 62:94-95 Apr '82
- Six Armies in Normandy: From D-Day to the Liberation of Paris, June 6th-August 24, 1944, by J.Keegan. Army 32:75-76 Dec '82
- Social Order and the General Theory of Strategy, by A.Atkinson. RUSI J for Def Studies 127:67-68 Sep '82
- The Soldier as Revolutionary, by J-P.Bertraud. Armed Forces & Soc 8:350-352 Winter '82
- Soldiers, Peasants, and Bureaucrats: Civil-Military Relations in Communist and Modernizing Societies, edited by R.Kolkowicz and A.Korbonski. Strat Rev 10:63-65 Summer '82
- Sovereignty for Sale: The Origins and Evolution of the Panamanian and Liberian Flags of Convenience, by R.P.Carlsle. Sea Power 25:55-56 Jul '82
- The Soviet Art of War: Doctrine, Strategy, and Tactics, edited by H.F.Scott and W.F.Scott. Strat Rev 10:85-88 Spring '82; US Nav Inst Proc 108:135 Oct '82; Sea Power 25:79-80 Oct '82; Army 32:76+ Dec '82; Parameters 12:95-96 Dec '82
- The Soviet Estimate: U.S. Intelligence Analysis and Russian Military Strength, by J.Prados. Nav War Col Rev 35:112-114 Jul-Aug '82; Army 32:75-76 Nov '82
- Soviet Foreign Policy Since World War II: Imperial and Global, by A.Z.Rubinstein. US Nav Inst Proc 108:97 Aug '82
- Soviet Leadership in Transition, by J.F.Hough. Natl Def 66:68 Feb '82
- Soviet Military Doctrine, by J.Yin. J Pol & Mil Sociol 9:291-292 Fall '81
- Soviet Military Power, by U.S. Department of Defense. US Nav Inst Proc 108:82-83 Feb '82
- Soviet Military Thinking, edited by D.Leebaert. Mil Rev 62:89-90 Jul '82
- Soviet Military Thought series, pub under auspices of U.S. Air Force. MarCor Gaz 66: 68-70 Feb '82
- Soviet Perceptions of Military Power: The Interaction of Theory and Practice, by J.J.Dziak. Infantry 72:46 May-Jun '82; Strat Rev 10:97-99 Fall '82
- Soviet Political and Military Conduct in the Middle East, by A.Sella. RUSI J for Def Studies 126:81 Dec '81

BOOK REVIEWS - Continued

- Soviet Strategy, edited by J.Baylis and G.Segal. Mil Rev 62:94 Jan '82; Nav War Col Rev 35:66-68 Mar-Apr '82; US Nav Inst Proc 108:101-102 Apr '82
- Soviet Troop Control, by J.Hemsley. RUSI J for Def Studies 127:75 Sep '82
- The Soviet Union in the Third World: Successes and Failures, edited by R.H.Donaldson. Natl Def 66:80 Jan '82
- The Soviet Views on the Use of Force in International Law, by J.Yin. J Pol & Mil Sociol 9:291-292 Fall '81
- Stars in Flight, by E.F.Puryear, Jr. MAC Flyer 29:19 Mar '82
- Strategic Military Deception, edited by D.C. Daniel and K.L.Herbig. J of Elect Def 5:57 Aug '82
- Strategic Studies: A Critical Assessment, by C.S.Gray. Strat Rev 10:96-97 Fall '82
- Strategies of Containment: A Critical Appraisal of Postwar American National Security Policy, by J.L.Gaddis. Parameters 12:96-97 Dec '82
- The Strategy of Electromagnetic Conflict, by R.E.Fitts. Army 32:71-72 Mar '82
- The Struggle for Zimbabwe: Battle in the Bush, by L.H.Gann and T.H.Henriksen. RUSI J for Def Studies 126:70-71 Dec '81; RUSI J for Def Studies 127:73-74 Mar '82
- The Survival Factor--Israeli Intelligence from World War I to the Present, by S.A. Blumberg and G.Owens. AF Mag 65:128 Mar '82
- Target America: The Influence of Soviet Propaganda on U.S. Media, by J.L.Tyson. Strat Rev 10:70-73 Winter '82
- Television Coverage of the Middle East, by W.C.Adams. US Nav Inst Proc 108:120+ Mar '82
- The Terror Network: The Secret War of International Terrorism, by C.Sterling. Mil Rev 62:91-92 Mar '82
- The Terrorists, Their Weapons, Leaders and Tactics, by C.Dobson and R.Payne. AF Mag 65:188-189 Sep '82
- The Third Indochina Conflict, edited by D.W.P.Elliott. Mil Rev 62:92-93 Jan '82
- The Third World War: The Untold Story, by J.Hackett and others. NATO's Fifteen Nations 27:90-91 Oct-Nov '82
- To the Marianas: War in the Central Pacific: 1944, by E.P.Hoyt. J Pol & Mil Sociol 10: 356-358 Fall '82
- A Trial of Generals: Honna, Yamashita, MacArthur, by L.Taylor. Army 32:71 Mar '82
- The USSR and Africa: Foreign Policy Under Khrushchev, by D.C.Heldman. Mil Rev 62:88 Apr '82
- The USSR and Africa, New Dimensions of Soviet Global Power, by M.Rothenberg. RUSI J for Def Studies 127:69 Jun '82
- The Underwater War, 1939-1945, by R.Compton-Hall. US Nav Inst Proc 108:97 Sep '82

BOOK REVIEWS - Continued

- The United States Air Force in Southeast Asia: The Advisory Years to 1965, by R.F. Futrell and M.Blumenson. AF Mag 65:95-96 Jan '82; Natl Def 66:78 Jan '82; Natl Def 66:66 Feb '82; Aerosp Hist 29:69-70 Mar '82
- U.S. Defense Policy in the 1980's, edited by S.R.Graubard. Natl Def 66:68 Feb '82
- U.S. Energy Policy and U.S. Foreign Policy in the 1980s: Report of the Atlantic Council's Energy Policy Committee, by J.E. Gray and others. Mil Rev 62:95-96 Nov '82
- U.S. Foreign Policy and the Law of the Sea, by A.L.Hollick. Nav War Col Rev 34:104-105 Nov-Dec '81
- U.S. Policy and Low-Intensity Conflict: Potentials for Military Struggles in the 1980s, edited by S.C.Sarkesian and W.L.Scully. Nav War Col Rev 34:111-112 Nov-Dec '81
- U.S.--Soviet Relations in the Era of Detente, by R.Pipes. Natl Def 66:67-68 Feb '82
- The Unnoticed Challenge: Soviet Maritime Strategy and the Global Choke Points, by R.J.Hanks. RUSI J for Def Studies 126:79-80 Dec '81; MarCor Gaz 66:80 Oct '82
- The Uses of Navies in Peacetime, by C.D. Allen, Jr. Natl Def 66:202+ May-Jun '82
- The Victors, edited by P.Young. Mil Rev 62: 87-88 Apr '82
- Victory at Guadalcanal, by R.E.Lee. Mil Rev 62:94 Apr '82
- The Vietnam Experience: Passing the Torch, by E.Doyle and others. Mil Rev 62:95-96 Jul '82; Army 32:66 Aug '82
- The Vietnam Experience: Setting the Stage, by E.Doyle. AF Mag 65:96-97 Jan '82
- Vietnam: The Other War, by C.R.Anderson. MarCor Gaz 66:72-73 Sep '82
- Viking of Assault: Admiral John Lesslie Hall, Jr and Amphibious Warfare, by S.H.Godson. Nav War Col Rev 35:121-122 Jul-Aug '82
- "War" and the Military Courts: Judicial Interpretation of Its Meaning, by D.Schaffter. Mil Rev 62:92 Apr '82
- The War Between the Generals, by D.Irving. RUSI J for Def Studies 127:76-77 Mar '82
- War in Space, by J.Canan. Nav War Col Rev 35:118-120 Sep-Oct '82
- War of Ideas: The U.S. Propaganda Campaign in Vietnam, by R.W.Chandler. MarCor Gaz 66:68-69 Jan '82
- The War with Spain in 1898, by D.F.Trask. MarCor Gaz 66:63-64 Dec '82
- Warriors at Suez, by D.Neff. Mil Rev 62:93-94 Aug '82
- Warriors to Managers: The French Military Establishment Since 1945, by M.L.Martin. Armed Forces & Soc 8:671-675 Summer '82
- Weapons and Tactics of the Soviet Army, by D.C.Isby. MarCor Gaz 66:75 Mar '82

BOOK REVIEWS - Continued

Weapons: The International Game of Arms, Money and Diplomacy, by R.W.Howe. Mil Rev 62:87-88 Jan '82

The West Bank Story, by R.Halabi. Mil Rev 62:92-93 Sep '82

Why South Africa Will Survive: A Historical Analysis, by L.H.Gann and P.Duignan. Nav War Col Rev 34:103-104 Nov-Dec '81

Why the Vietcong Fought: A Study of Motivation in a Modern Army in Combat, by W.D. Henderson. Nav War Col Rev 35:77-78 Mar-Apr '82

Why We Were in Vietnam, by N.Podhoretz. Army 32:72-73 Sep '82; US Nav Inst Proc 108: 93-94 Dec '82

William Orlando Darby: A Military Biography, by M.J.King. Infantry 72:46-47 Mar-Apr '82

Women in the Military: Breaking the Last Barrier, by J.Holm. AF Mag 65:158 Dec '82; AF Times 43:8 Dec 20 '82

Yellow Rain: A Journey Through the Terror of Chemical Warfare, by S.Seagrave. Natl Def 66:64 Feb '82; Mil Rev 62:87-88 May '82; AU Rev 33:68-70 May-Jun '82; US Nav Inst Proc 108:135-136 Oct '82

BOOSTERS

Gallery of USAF weapons: Launch vehicles. illus AF Mag 65:166+ May '82

Soviet economy of massed fires. LtCol William B.Baxter, Ret. illus Army 32:61-63 Jun '82

Space launcher systems--who's out in front? Chris Bulloch. illus Interavia 37:1281-1283 Dec '82

BOOTSTRAP COMMISSIONING PROGRAM see Airman Education and Commissioning Program

BOWMAN, Richard C.

"A growing anti-Alliance attitude threatens free world defense." Interview. MajGen Richard C.Bowman, Ret. illus por Armed Forces J Intl 119:66+ Feb '82

NATO command and control. MajGen Richard C. Bowman, Ret. illus por tabs map Armed Forces J Intl 119:58+ Feb '82

BOYES, Jon L.

Technology, communications and you. (Address, Northeast Region's Postal Forum, Hartford) VADM Jon L.Boyes, Ret. Signal 36:47-49 Jan '82

BRAKES

See also
Airplanes, Military--Brakes

BRASWELL, Arnold W.

Pacific Air Forces. tab illus chart por AF Mag 65:100+ May '82

BRATTON, Joseph K.

Army engineers: Professionalism and integrity. LtGen J.K.Bratton. chart illus tabs por Mil Engr 74:4-8 Jan-Feb '82

BRAZIL

Brazil: Giant of the Southern Hemisphere. John Hoyt Williams. tab Natl Def pt 1, 67:40-43+ Oct '82; pt 2, 67:16-20+ Nov '82

The Brazil situation. Gen T.R.Milton, Ret. map illus AF Mag 65:111-115 Mar '82

BREZHNEV, Leonid I.

How the Soviet guard is changed. Paul W. Meek. illus Def & For Aff 10:44-45 Aug '82

Russia's new Stalin (Leonid I.Brezhnev). Albert L.Weeks. illus Mil Sci & Tech 2: 36-39+ '82

BRIDGES

Advances in combat engineering bridging equipment. Walter Munkner. illus tab Armada Intl 6:18-20+ May-Jun '82

The Houston Ship Channel bridge. M.Jack Kopetz. illus Mil Engr 74:104-107 Mar '82

How the Army crosses its bridges. Wayne A. Stroupe and Hugh L.Green. illus Mil Engr 74:214-216 May-Jun '82

The tactical use of frozen waterways. Maj B.B. Bell. illus tabs Armor 91:11-13 Nov-Dec '82

They did their homework, experimented on base, then set out to build ice bridges. Maj William M.Shanklin, Jr. illus AF Engrg & Svcs Qtr 23:25 Summer '82

BRIEFING AND BRIEFING TEAMS

Passenger briefings: How effective are yours? MSgt Ronald D.Livingston. Combat Crew 32: 8-9+ Oct '82

BRIGGS, Charles F.

RCPAC's (Reserve Components Personnel and Administration Center) mission: Pretrained personnel. BrigGen Charles F.Briggs. illus Officer 58:14-16 Jul '82

BROADWATER, Theodore D.

Taken for granted (the general scope and relative success of the logistics job). MajGen Theodore D.Broadwater. tab AF J Log 6:2-4 Spring '82

BROWN, Norma E.

A new way of life (at Chanute Technical Training Center). CMSgt Dave Sheeder. illus Airman 26:40-48 Jun '82

BRUEN, John D.

Military Traffic Management Command. MajGen John D. Bruen. illus por maps Def Trans J 38:31-36 Feb '82

BRUTON, Thomas B.

Air Force Legal Services Center. illus por AF Mag 65:126+ May '82

(MajGen Thomas B.) Bruton: Military justice fairest of all. Sgt David W. Givans. por AF Times 42:50 Apr 19 '82

BUCKNER, Simon B.

The death of Gen Simon Bolivar Buckner. J. Fred Haley. illus por MarCor Gaz 66:100-106 Nov '82

BUDGET

For budgets of the military services and other agencies see Appropriations and Expenditures.

Directorate of Budget. Regular feature in issues of Air Force Comptroller

Methodology

See also
Zero-Base Budgeting

ABIDES (Automated Budget Integrated Data Environment Systems) (HQ USAF) and CBAS (Command Budget Automated System) (MAJCOMs/SOAs). Carol Wadleigh and CMSgt Vern Lucas. Ret. AF Compt 16:22-23 Jul '82

The Federal budget cycle should be replaced by a two-year budget process. Sen Dan Quayle. tabs Armed Forces Compt 27:5-11 Summer '82

Running the budget through its PACES: An O & M. N budget execution model for field activities. LCDR James L. Parham and CDR R.A. Bobulinski. tabs Armed Forces Compt 27:14-17+ Fall '82

N A T O

NATO defense budget still short. Glenn Wasson. tabs Def Elect 14:62+ May '82

United States

Controlling Federal spending. Randy L. Briggs. tab Def Mgt J 18:41-43 Second Quarter '82

The economics of the U.S. defense buildup. Richard F. Kaufman. illus NATO's Fifteen Nations 26:38+ Dec '81-Jan '82

The Federal budget cycle should be replaced by a two-year budget process. Sen Dan Quayle. tabs Armed Forces Compt 27:5-11 Summer '82

Is it finally time for "sunset"? Bernard T. Pitsvada and Frank D. Draper. Armed Forces Compt 27:9-13 Fall '82

BUDGET - ContinuedUnited States - Cont'd

The Reagan defense program: Can it hold up? Herschel Kanter. illus tabs Strat Rev 10:19-34 Spring '82

Reagan speech kicks off long budgetary process. Martha Lynn Craver. illus AF Times 42:7 Feb 8 '82

BUILDING AND CONSTRUCTION

See also
Air Bases--Construction

The A/E's (Architects and Engineers) role in mobilization. Thomas H. Spencer. illus Mil Engr 74:435-440 Nov-Dec '82

AF asks \$2.9B in construction. John Ginovsky. AF Times 42:12 Feb 22 '82

Army engineers: Professionalism and integrity. LtGen J.K. Bratton. chart illus tabs por Mil Engr 74:4-8 Jan-Feb '82

Boosting efficiency in construction. Jeffrey G. Busley. illus Mil Engr 74:350-352 Sep-Oct '82

Building a brighter future with new commissary construction. Alan Goldstein. illus tabs Interservice 2:14-16+ Fall '82

CM (Construction Management) and government contracting out: PBCS (Parsons Brinckerhoff Construction Services) and ILC (Industry Liaison Committee) air both sides. illus Mil Engr 74:372-374 Sep-Oct '82

Computer-aided engineering and architectural design. Janet Spoonamore and others. illus tabs Mil Engr 74:140-147 Apr '82

Congress okays \$1.5 billion for AF FY '82 construction. John Ginovsky. AF Times 42:7 Jan 4 '82

Construction claims--investigating and presenting them. Paul J. Walstad and Joseph H. Kasimer. Mil Engr 74:376-380 Sep-Oct '82

Energy dollars diverted. AF Times 42:12 Mar 8 '82

The finishing touch. Harry R. Marien. illus AF Engrg & Svcs Qtr 23:10-11 Summer '82

Highlights of the Defense Construction Mobilization Conference. (National Defense University, November 23-24, 1981, Fort McNair, Washington, DC) illus Mil Engr 74:34-37 Jan-Feb '82

The Houston Ship Channel bridge. M. Jack Kopetz. illus Mil Engr 74:104-107 Mar '82

Lack of pact delays Ras Banas buildup. AF Times 42:12 Jan 18 '82

MUST (Modernization and Upgrade of Structures for Tomorrow) . . . a plan for renewal (at U.S. Air Force Academy). Lt Jerry P. Haenisch. AF Engrg & Svcs Qtr 23:4+ Summer '82

BUILDING AND CONSTRUCTION - Continued

Meeting the threat to facilities readiness. MajGen Clifton D. Wright, Jr. illus Mil Engr 74:32-33 Jan-Feb '82

The NAVFAC (Naval Facilities Engineering Command) story. RADM William M. Zobel. por chart illus Mil Engr 74:10-14 Jan-Feb '82

The National Bureau of Standards--research for defense construction: John T. Ichter and others. illus Mil Engr 74:209-211 May-Jun '82

A new pile-driving formula. Capt Philip Scott Morris and Richard D. Barksdale. tabs Mil Engr 74:211-213 May-Jun '82

Overseeing on-site productivity. Louis E. Alfeld. illus tab Mil Engr 74:346-349 Sep-Oct '82

Polymer concrete tests--a success. Col Joseph A. Bacci. illus Mil Engr 74:218-221 May-Jun '82

Refining management techniques--a commitment to progress. Marc S. Caspe. illus tabs Mil Engr 74:354-359 Sep-Oct '82

Wind tunnel gets go ahead, but no funding. John Ginovsky. AF Times 42:13 Jan 25 '82

Costs

Getting a handle on cost. Maj Edward L. Parkinson. illus AF Engrg & Svcs Qtr 23:20-24 Summer '82

Polyurethane foam for roofs--saving costs and energy. Costas J. Logothetis. illus tabs Mil Engr 74:366-370 Sep-Oct '82

BUNYARD, Jerry M.

Today's risks in software development--can they be significantly reduced? MajGen Jerry Max Bunyard and James Mike Coward. tabs illus Signal 37:18+ Oct '82; Concepts 5: 73-94 Autumn '82

BUOYS

Maritime surveillance aircraft--a growth market. Robert Salvy. illus Armada Intl 6: 58-60+ Jan-Feb '82

BUREAU OF THE BUDGET see Office of Management and Budget

BURIAL

Digest of regulations for Arlington National Cemetery. illus Officer 58:38+ Aug '82

BURKE, Kelly H.

C-17 is 'alive': (LtGen Kelly) Burke. AF Times 42:9 Feb 15 '82

'It's a good budget' (FY '83 Air Force RDT&E budget). Interview. LtGen Kelly H. Burke. por tabs AF Mag 65:52-55 Apr '82

BURPEE, Richard A.

New USAF airspace management course. MajGen Richard A. Burpee. TIG Brief 34:3 Mar 5 '82

BUSINESS

See also
Small Business

Doing business with NATO. Signal 37:79-80 Dec '82

Financing defense system programs. Franz A. P. Frisch and David D. Acker. illus tabs Concepts 4:7-28 Autumn '81

Marketing liquor: Major firms fight type-casting. Robert Crooke. Interservice 2:62+ Spring '82

Strategic management--a concept whose time has come. RADM Rowland G. Freeman III, Ret. tab illus Log Spectrum 16:8-16 Fall '82

Women in business. Mary Ann LaCanfora. Excerpt from speech, Philadelphia Chapter, Society of Logistics Engineers. Log Spectrum 16:33-34 Fall '82

C³ see Command, Control and Communications

C³CM see Command, Control and Communications--
Countermeasures

C³I see Command, Control and Communications;
Intelligence, Military

C A P see Civil Air Patrol

C A T (Clear Air Turbulence) see Turbulence

C B W see Chemical-Biological Warfare

C H A M P U S (Civilian Health And Medical
Program of the Uniformed Services) see
Medicare

C I A see Central Intelligence Agency

C O S T A R see Combat Support of the Army

C R A F see Civil Reserve Air Fleet

CABIN CREWS

Effects of relative metabolic rate and heart
rate variation on the performance of flight
attendants. Toshitada Yoshioka and others.
illus tabs Aviation, Space & Envmt Med
53:127-132 Feb '82

CABLES

Molybdate smoke suppressants find use in PVC
(Polyvinyl Chloride) sheet and wire and
cable applications. tab Natl Def 67:8+
Dec '82

Sail-by-wire safety. David Harvey. illus Def
& For Aff 10:28-29 Nov '82

CALIBRATION

New tank gun calibration policy. Maj James D.
Brown and Capt Robert L.Kloecker. tabs
illus Armor 91:17-21 Jul-Aug '82

Radar calibration. Capt John C.Sweda. illus
Navigator 29:13-14 Summer '82

CAMBODIA

Report from Phnom Penh. Michael Richardson.
illus Pac Def Rep 8:8-10+ Mar '82

Foreign Relations

Soviet Union

Moscow and Hanoi struggle for influence in
Kampuchea. Michael Richardson. illus Pac
Def Rep 8:75-76+ Apr '82

Vietnam

Moscow and Hanoi struggle for influence in
Kampuchea. Michael Richardson. illus Pac
Def Rep 8:75-76+ Apr '82

Report from Phnom Penh. Michael Richardson.
illus Pac Def Rep 8:8-10+ Mar '82

CAMBODIAN CONFLICT, 1973-

The scourge of chemical warfare in Indo-
China, Afghanistan. illus Asian Def J
No.8:76-77+ Aug '82

CAMERAS

Aerial photography. Christian Schmid. illus
Armada Intl 6:58+ Jul-Aug '82

"Electronic cameras" with instantaneous
ground read-out now make real-time, pre-
cision tactical targeting operationally
feasible. Benjamin F.Schemmer. illus
Armed Forces J Intl 120:70-72 Nov '82

The French modular thermal-imaging system.
Gowri S.Sundaram. illus Intl Def Rev 15,
No.4:497-498 '82

Keys to successful photo sales at military
exchanges. Jack A.Robinson. illus tabs
Interservice 2:95+ Fall '82

CAMOUFLAGE

SHORAD (Short-Range Air Defense) vs air cav--
(everybody wins). 1stLts Thomas C.Rogan
and Martin W.Shubert. illus Air Def Mag,
pp 16-19, Jan-Mar '82

To see, but not to be seen. Comdr J.Ellsén
and J.Järnekull. illus Armada Intl 6:64+
May-Jun '82

CAMPING see Recreation

CAMPS, MILITARY see Army Posts

CANADA

The 'people problem' in Canada's defences.
J.H.Beaglehole. Pac Def Rep 9:80-81 Sep '82

CANALS see Waterways

CANIFF, Milton A.

Milton Caniff: Home-front commando. MSgt Alan
Prochoroff. illus Airman 26:36-41 Oct '82

CAREER PROGRAM

Here are entered materials on career special-
ization and professional development. Specif-
ic occupations may be found under their own
headings, e.g., Engineers.

Bars to stars. Regular feature in issues of
Air Defense Magazine

CMF (Career Management Field) 67 update.
Capt Charles N.Avery. illus USA Avn Dig
28:22-23 Oct '82

Career and personnel information. Regular
feature in issues of Air Force Journal of
Logistics

Career management--a different perspective.
William A.Snow. AF Compt 16:6-9 Jan '82

CAREER PROGRAM - Continued.

Changes to manual (AFR 39-1): Family support identifier, 1 ladder for radio comm(unications analysts). AF Times 42:4 Apr 26 '82

Comptroller Civilian Career Management Program. Regular feature in issues of Air Force Comptroller

Computer Resource Managers. Regular feature in issues of Air Force Comptroller

Enlisted career news. Regular feature in issues of Air Defense Magazine

Enlisted career notes. Regular feature in issues of Infantry

French NCOs--career strategies and attitudes. Hubert Jean-Pierre Thomas and Christian Rosenveig. illus tabs Armed Forces & Soc 8:275-301 Winter '82

News for crews. Regular feature in some issues of Flying Safety

OPMS-EPMS Armor. Regular feature in issues of Armor

OPMS (Officer Personnel Management System): Where is it headed? Col William G.Hanne. tabs Mil Rev 62:13-22 Nov '82

Officer career management. AF Compt 16:6-8 Apr '82

Officer career management. LtCol R.A.Beeler. illus MarCor Gaz 66:61-66 Sep '82

Officer opportunities in safety. TIG Brief 34:18 Mar 19 '82

Officers career notes. Regular feature in issues of Infantry

Palace Dollar team. Regular feature in issues of Air Force Comptroller

Professional designation cost analysis and price analysis. Roland D.Kankey. Armed Forces Compt 27:27+ Winter '82

Restructuring CMF (Career Management Field) 67. Capt Charles N.Avery. illus Army Log 14:16-17 Sep-Oct '82

Some thoughts on increasing youth involvement in NDTA (National Defense Transportation Association). Richard F.Poist. Def Trans J 38:23-26 Apr '82

The specialist/sergeant controversy. CSGM John W.Gillis. Armor 91:6-7 Nov-Dec '82

CAREY, Gerald J., Jr

C³CM modeling and simulation--a necessary step in defining force structure, testing, and operational employment. MajGen Gerald J.Carey, Jr, Ret and William E.Sears III. illus J of Elect Def 5:37-41+ Jul '82

CARGOSee also

Air Cargo
Freight and Freightage
Hazardous Substances--Transportation

Containerized ammunition--ready or not? Maj William P.Martinous. illus Army Log 14:18-21 Mar-Apr '82

Documentation detachments meet Reforger challenge. Cpts George A.Danish and David T.Benware. Translog 13:13-14 Mar '82

Estimating in-transit storage capacity. Capt Jeffrey C.Hilton. tab illus Army Log 14: 22-25 Nov-Dec '82

Planning for port operations. Capt Robert E. Thomas. illus Army Log 14:12-15 Sep-Oct '82

CARIBBEAN REGION

President Reagan's Caribbean basin formula. Michael J.Kryzanek. AEI For Pcly & Def Rev 4, No.2:29-36 '82

Strategic Importance

Are we being outflanked in the Caribbean? Gen T.R.Milton, Ret. AF Mag 65:37 Feb '82

Caribbean--the urgency grows. Paul Seidenman. illus Natl Def 67:20-25 Dec '82

Coast guarding the Caribbean. LCDR Michael R. Adams. illus map US Nav Inst Proc 108:61-65 Aug '82

Puerto Rico's terrorist threat: A strategic problem. Capt Tom Linn. illus Def & For Aff 9:24-27 Oct '81

Soviet imperialism spreads south. Fred C. Ikle. tabs Defense/82, pp 24-28, Mar '82

Soviet naval policy in the Caribbean. Capt Tom Linn. illus Def & For Aff 10:10-12 Jan-Feb '82

Soviet strategy in the Caribbean basin. Jiri Valenta. map illus US Nav Inst Proc 108: 168-181 May '82

U.S. options--and illusions--in Central America. David C.Jordan. illus Strat Rev 10:53-62 Spring '82

CARICATURES AND CARTOONS

Milton Caniff: Home-front commando. MSgt Alan Prochoroff. illus Airman 26:36-41 Oct '82

CARLUCCI, Frank C.

Focusing on fraud and waste. Deputy SecDef Frank C.Carlucci. por Armed Forces Compt 27:4-7 Winter '82

The proposed Military Transportation Command: Increased readiness & efficiency. Frank C. Carlucci. illus Defense/82, pp 12-17, Oct '82

CARLUCCI, Frank C. - Continued

We must do it (DOD must manage better). Frank C. Carlucci. AF J Log 6:2-4 Winter '82

The Weinberger-Carlucci initiatives: How are we doing? Vince Puritano. tabs Defense/82, pp 2-11, Jun '82

CARROLL, Kent J.

Military Sealift Command. VADM Kent J. Carroll. illus tabs map por Def Trans J 38: 21-25 Feb '82

Sealift . . . the Achilles heel of American mobility. VADM Kent J. Carroll. tab illus Defense/82, pp 8-13, Aug '82

CARTOGRAPHY see Maps and MappingCARTOONS see Caricatures and CartoonsCASUALTIES

See also subdivision under specific wars, e.g.,
World War I--Casualties
World War II--Casualties

AMA (American Medical Association) renews support for war casualty care. AF Times 42:21 Jul 5 '82

Post-crash management. TIG Brief 34:22 Sep 13 '82

U.S. defense budgets--the right priorities? Col T.N. Dupuy. illus tab Armed Forces J Intl 119:91-93 Apr '82

Statistics

Facts and figures about the Department of Defense. tabs charts illus Defense/82: entire issue Sep '82

CAVALRY

See also
Air Cavalry

CAVAZOS, Richard E.

FORSCOM (Forces Command) hones as it modernizes. Gen Richard E. Cavazos. illus Army 32: 34-39 Oct '82

CELESTIAL NAVIGATION see Navigation, CelestialCEMETERIES, NATIONAL

Digest of regulations for Arlington National Cemetery. illus Officer 58:38+ Aug '82

In foreign fields (American military cemeteries from France to the Philippines). Roland Esteves. illus Army 32:28-31 May '82

CENSORSHIPMarine Corps--U.S.

No news: Self-censorship in the Marine Corps. Maj Robert N. Koman. illus MarCor Gaz 66: 50-53 Jul '82

CENTRAL AMERICA

The Central American crisis: A framework for understanding. Howard J. Wiarda. AEI For Plcy & Def Rev 4, No.2:2-7 '82

Strategic Importance

The Central American challenge. Thomas O. Enders. AEI For Plcy & Def Rev 4, No.2:8-12 '82

The stakes in Central America and U.S. policy responses. Margaret Daly Hayes. AEI For Plcy & Def Rev 4, No.2:12-18 '82

U.S. options--and illusions--in Central America. David C. Jordan. illus Strat Rev 10:53-62 Spring '82

CENTRAL INTELLIGENCE AGENCY

(American intelligence community)--a proposal for reform. Ernest Volkman. Mil Sci & Tech 2, No.1:66-71 '82

CIA boosts intelligence role using high-tech electronics. David Atlee Phillips. illus Def Elect 14:54+ Dec '82

Covert operations: A needed alternative. Col Wendell E. Little, Ret. AU Rev 33:65-70 Sep-Oct '82

The real stories behind those intelligence 'failures.' Capt Ross S. Kelly. illus Army 32:10-16 Jan '82

CENTRIFUGES

G-tolerance enhancement: Straining ability comparison of aircrewmembers, nonaircrewmembers, and trained centrifuge subjects. James E. Whinnery. tab Aviation, Space & Envmt Med 22:222-224 Mar '82

CEREMONIES, MILITARY see Military Ceremonies, Honors and SalutesCHANNEL COMMAND see Allied Command ChannelCHAPELS AND CHURCHES

Air Force Chaplain Service Management Inspection (CSMI) model. TIG Brief 34:15-18 May 28 '82

CHAPLAINSAir Force--U.S.

Air Force Chaplain Service Management Inspection (CSMI) model. TIG Brief 34:15-18 May 28 '82

Chaplain directives: Hidden surprises. TIG Brief 34:10 Aug 6 '82

A matter of trust. Ch(Col) Morris J. Holtzclaw. TIG Brief 34:1-2 Sep 13 '82

Army--U.S.

Rabbi, teach us! SSgt Craig Pugh. illus Airman 26:36-40 Dec '82

Navy--U.S.

A chaplain speaks to commanding officers. CDR James M. Doyle. illus US Nav Inst Proc 108:58-61 Feb '82

CHARITIES

OMB proposes CFC (Combined Federal Campaign) overhaul. AF Times 42:26 Jan 11 '82

CHARLES, William M., Jr

Pilot training, 1986 and beyond. BrigGen William M. Charles, Jr. illus AF Mag 65: 42-47 Feb '82

CHARTS

See also
Aeronautical Charts

The PASTAGRAM--revised and explained. Maj Michael J. Sieverding. illus Navigator 29: 13-15 Winter '82

CHASE, Harold W.

The Major General Harold W. Chase prize essay contest announced. por MarCor Gaz 66:15 Sep '82

CHEMICAL-BIOLOGICAL WARFARE

See also
Defoliation

The AMF80 modular NBC shelter. B. Fritz. illus tab Intl Def Rev 15, No. 11:1590-1592 '82

Air base survivability in Europe: Can USAF survive and fight? Maj Stephen C. Hall. illus AU Rev 33:36-46 Sep-Oct '82

America's new binary chemical weapons. Khurshid Ahmed Khan. illus Islamic Def Rev 7, No. 1:31-38 '82

Chemical warfare. LtCol Guy M. Lovelace. illus NATO's Fifteen Nations 26:54-56 Dec '81-Jan '82

Chemical warfare: The case against the Soviet Union. Michael Richardson. illus Pac Def Rep 9:52+ Sep '82

Chemical weapons: An imbalance of terror. Joseph D. Douglass, Jr. tab Strat Rev 10: 36-47 Summer '82

Defence or deterrence? The case for chemical weapons. SqLdr A. F. Graveley. illus RUSI J for Def Studies 126:13-20 Dec '81

The military balance. International Institute for Strategic Studies. tabs charts map Pac Def Rep 8:67-168+ Dec '81/Jan '82

NATO in a chemical warfare environment: Defense is not enough. Maj Duncan G. Koller. illus Jt Persp 3:48-57 Summer '82

NBC defense--a German viewpoint. H. Stelzmüller. illus Intl Def Rev 15, No. 11: 1571-1577 '82

The Navy prepares for a chemical/biological war. Elliott Hurwitz. illus US Nav Inst Proc 108:113-116 Aug '82

A new NBC clothing concept from France. B. Fritz. illus tab Intl Def Rev 15, No. 11: 1587-1588 '82

CHEMICAL-BIOLOGICAL WARFARE - Continued

The scourge of chemical warfare in Indo-China, Afghanistan. illus Asian Def J No. 8:76-77+ Aug '82

Skin-penetrating incapacitants: A credible deterrent? B. L. Harris. illus Mil Rev 62: 55-61 Mar '82

Soviet chemical warfare capabilities. Charles J. Dick. Reprinted from International Defense Review, 14, No. 1:31-38 1981. tabs illus Fld Arty J 50:13-21 May-Jun '82

Terrorists and chemical/biological weapons. Elliott Hurwitz. Nav War Col Rev 35:36-40 May-Jun '82

U.S. is in a "disaster mode" vs USSR chemical warfare threat, DOD warns. Benjamin F. Schemmer. tab Armed Forces J Intl 119:17+ Jan '82

We can't wait for improvement (with personal protective nuclear, biological and chemical (NBC) equipment). CW3 Clifford S. Berg, Jr. USA Avn Dig 28:30-31 Mar '82

Why we can't avoid developing chemical weapons. Richard L. Wagner and Theodore S. Gold. illus tabs Defense/82, pp 2-11, Jul '82

Equipment

Chemical defense equipment--a perception. LtCol Thomas H. Fletcher. illus Army Log 14:26-27 May-Jun '82

History

Superweapons. Earl F. Ziemke. Parameters 12: 32-42 Dec '82

Safety Measures

Nuclear biological and chemical defence. Col A. G. Vicary and WgComdr J. Wilson. illus RUSI J for Def Studies 126:7-12 Dec '81

CHEMICALS

AF charged with dumping fuel in N.Y. John Ginovsky. AF Times 43:2 Aug 30 '82

AF to spend \$3 million for Tucson cleanup. John Ginovsky. AF Times 43:12 Oct 25 '82

GAO: Agent Orange exams often inadequate. Don Hirst. AF Times 43:39 Nov 15 '82

2d type of housing tainted by chlordane. AF Times 43:3 Sep 27 '82

Skin-penetrating incapacitants: A credible deterrent? B. L. Harris. illus Mil Rev 62: 55-61 Mar '82

Triple R (Rapid Runway Repair) in a chemical environment. Maj John A. Centrone. illus AF Engrg & Svcs Qtr 23:20-21 Spring '82

CHILD ABUSE

Child abuse or neglect: The commander's role, and AFOSI's. TIG Brief 34:4 Aug 27 '82

CHILD ABUSE - Continued

Child abuse: 732 reported cases. AF Times 42: 4 Apr 12 '82

Lowry NCO convicted of sex offenses involving minors. AF Times 42:17 Apr 19 '82

CHILDREN, MILITARY

See also
Education (Dependents)

Allotment law held too vague. AF Times 43:1+ Nov 15 '82

Amerasians--the children nobody wants. Carole Siler. illus AF Times 43:47-48 Aug 2 '82

America's forgotten children. MSgt Mike Mason. illus Soldiers 37:28-32 Aug '82

Child abuse: 732 reported cases. AF Times 42: 4 Apr 12 '82

GAO calls child care centers unsafe. Allen E. Carrier. AF Times 42:4 Jun 14 '82

How do you tell a child daddy died? Barbara Burtoff. AF Times 42:47-48 Mar 15 '82

Military families may face school crises. Paul Smith. AF Times 42:4 Mar 15 '82

Parenting solo. Bonnie Stone. tab AF Times 43:51 Nov 1 '82

Services can order support allotments. Tom Philpott. AF Times 43:1+ Oct 25 '82

Tax bill prods child support delinquents. Tom Philpott. AF Times 43:3 Sep 6 '82

CHINA (PEOPLE'S REPUBLIC)

See also
Vietnam--Chinese Invasion, 1979

Massive cuts in the Chinese army. Clare Holingworth. illus Pac Def Rep 8:28-29 Mar '82

Foreign Policy

Autonomy and China's foreign relations. Mil Sci & Tech 2, No.1:30-35 '82

Chinese naval force requirements: The next decade. G.Jacobs. tab illus Asian Def J No.9:40-42+ Sep '82

National security and national purpose: The West, the Soviet Union, and China. George H.Quester. illus AU Rev 33:18-32 Mar-Apr '82

Foreign RelationsSoviet Union

China's defense modernization--of tortoise shells and tigers' tails. Paul H.B.Godwin. illus AU Rev 33:2-19 Nov-Dec '81

Dangers in playing the China card. Denis Warner. illus Pac Def Rep 9:41-42 Aug '82

CHINA (PEOPLE'S REPUBLIC) - ContinuedForeign Relations - Cont'dUnited States

The balance of forces in the East Asian-Pacific region. Wilhelm G.Grewe. illus NATO's Fifteen Nations 27:18-22+ Jun-Jul '82

Dangers in playing the China card. Denis Warner. illus Pac Def Rep 9:41-42 Aug '82

What kinds of arms for Taiwan? Col Angus M. Fraser, Ret. Strat Rev 10:76-81 Fall '82

Vietnam

The South China Sea: Competing claims and strategic conflicts. Justus M. van der Kroef. map Intl Sec Rev 7:305-329 Fall '82

History

The China syndrome. Edward Teller. Mil Sci & Tech 2:37-40 '82

CHINA (REPUBLIC) see Taiwan

CHIPMAN, Donald D.

Admiral (Sergey G.) Gorshkov and the Soviet navy. illus map AU Rev 33:29-47 Jul-Aug '82

CHRONOLOGY

See also subdivision Chronology under specific subjects

MTMC makes Reforger move. Translog 13:1 Oct '82

Naval and maritime events 1981. CAPT Brent Baker. illus US Nav Inst Proc 108:49-50+ May '82

CHURCHES see Chapels and Churches

CIPHERS see Cryptography

CIRCADIAN RHYTHMS see Biological Rhythms

CIRCUITS AND CIRCUITRY

Are biochips the new wave? Jim Bussert. illus Mil Elect/Countermeasures 8:27-28+ Jun '82

Assessing 16-bit microprocessors. Bernard Conrad Cole. tab illus Def Elect 14:62-64+ Nov '82

Can we keep VHSIC information within our borders? Jack Saddler. illus Mil Elect/Countermeasures 8:18+ Dec '82

The case for nitride passivization of linear ICs. V.Condito and T.J.Schwartz. illus Mil Elect/Countermeasures 8:44-46 Apr '82

Cool that electronics package. Keats A. Pullen, Jr. Signal 37:39-43 Sep '82

CIRCUITS AND CIRCUITRY - Continued

Digital processing technology for EW systems. W.H.Osborne II. illus J of Elect Def 5: 56-59+ Dec '82

Evolution of teleprocessing. Charles K.Watt. tabs Concepts 5:125-140 Autumn '82

Is VHSIC (Very High Speed Integrated Circuits) a panacea? Or, facing the von Neumann bottleneck. illus Def Elect 14:72-73 Aug '82

Is VLSI vulnerable to radiation failures? tab Def Elect 14:51-52 Jul '82

The JAN microcircuit qualification program: Industry's viewpoint. Richard Aria. tabs Mil Elect/Countermeasures 8:67-69 Jan '82

LCC (Leadless Chip Carrier) advantages promise many electronic applications. Jeffrey Wilkinson. illus tabs Def Elect 14:65-68+ Feb '82

MIC (Microwave Hybrid Integrated Circuit) packages for strategic and tactical EW systems. Northe K.Osbrink. illus J of Elect Def 5:109-110+ Oct '82

MM-wave supercomponents increase performance of target seekers. Apostle G.Cardiasmenos. illus tabs Def Elect 14:117-120+ Oct '82

Military integrated circuits directory. 10th ed. tabs Mil Elect/Countermeasures 8:IC1-38 Feb '82

Military integrated circuits directory. 11th ed. tabs Mil Elect/Countermeasures 8:23+ Aug '82

Military microcircuit activity. Regular feature in issues of Military Electronics/Countermeasures

Military standardization is the backbone of IC qualification. Mary Valmoja. Mil Elect/Countermeasures 8:84-85 Aug '82

Picking the right custom IC solution. Steve Szirom. illus Def Elect 14:96-101 Sep '82

Reliability monitor program complements MIL-STD-883. William Scheld, Jr and Richard Davis. illus tab Mil Elect/Countermeasures 8:82-83 Aug '82

Solid state components adapt to sensor environmental demands. Peter J.Minett. tabs Mil Elect/Countermeasures 8:28-30+ Nov '82

Soviet ICs modeled on U.S. devices. illus Def Elect 14:46+ Nov '82

Space-hardened microelectronics bring new advances. D.Howard Phillips. illus Mil Elect/Countermeasures 8:76-78 Aug '82

The V bus: Standardizing interconnection of VHSIC chips. D.B.Bennett. illus Mil Elect/Countermeasures 8:68-70 Apr '82

VHSIC and commercial VLSI: Two sides of the same coin? Jeffrey Frey. illus Def Elect 14:79-80 Sep '82

CIRCUITS AND CIRCUITRY - Continued

VHSIC: Midterm report on a dynamic circuit program. Robert M.Vanderheiden. illus tabs Def Elect 14:54+ Feb '82

VHSIC (Very High Speed Integrated Circuits) processors take shape. tabs illus Def Elect 14:33+ Aug '82

VHSIC (Very High Speed Integrated Circuits) program shaping technology transfer restrictions. David M.Russell. illus Def Elect 14:75-77+ Aug '82

VLSI (Very Large Scale Integrated) architectures for armament and avionic systems. Michael Andrews and others. illus J of Elect Def 5:45-49 Feb '82

VUV (Vacuum UltraViolet) chemical deposition: A new way to apply IC (Integrated Circuits) materials. A.R.Calloway. illus Mil Elect/Countermeasures 8:32-33 Jun '82

Very high speed integrated circuits--into the second generation. Jim Martin. illus Mil Elect/Countermeasures pt 1, The birth of a program. 7:52+ Dec '81; pt 2, Entering Phase I. 8:60-63+ Jan '82; pt 3, The chip sets: Some concerns and considerations. 8:83-86+ Feb '82; pt 4, The radiation challenge. 8:40+ Mar '82; pt 5, The issues of standardization and technology insertion. 8:66-67 Apr '82

Washington tries to clamp down with high-tech export controls. Ehud Yonay. illus Def Elect 14:76-78+ Sep '82

CITIES AND TOWNSGermany (West)

MOUT (Military Operations on Urbanized Terrain) ARTEP (Army Training and Evaluation Program). illus Soldiers 37:34-36 Mar '82

Italy

Application of the "open city" concept to Rome 1942-1944. 2dLt Jerrold F.Elkin. AF Law Rev 22:188-200 '80/'81

CITIZENSHIP

Citizens in uniform: Political participation among military and civilian samples. Stephen E.Frantzich. tabs J Pol & Mil Sociol 10:15-28 Spring '82

Laws and Regulations

Legal complications arising from alien birth or nationality. LtCol David P.Buck. AF Law Rev 22:168-187 '80/'81

CIVIL AFFAIRS

Civil affairs for the eighties. Maj Philip Gold. illus MarCor Gaz 66:58-63 Oct '82

CIVIL AIR PATROLUnited States

Civil Air Patrol: Three who were there.
Frank Lowry. illus Aerosp Hist 28:268-274
Dec '81

Super SAR '82. Ken Maassen. illus Combat Crew
32:4-7 Dec '82

CIVIL DEFENSESee also
Shelters

The place of civil defence in total defence.
Herbert Alboth. illus Armada Intl 6:24-26+
Jul-Aug '82

Australia

The Invincible storm and some local squalls.
Pac Def Rep 9:62-63+ Aug '82

Soviet Union

Civil defense and the strategic balance.
Nancy D.Greene. Mil Sci & Tech 2:31-35+ '82

Civil defense in a nuclear war. Edgar Ulsamer.
illus AF Mag 65:70-73 Jun '82

President Reagan's civil defense program.
Def Monitor 11, No.5: entire issue '82

Soviet civil defense and the U.S. deterrent.
John M.Weinstein. Parameters 12:70-83 Mar
'82

Switzerland

The place of civil defence in total defence.
Herbert Alboth. illus Armada Intl 6:24-26+
Jul-Aug '82

United States

American strategic posture: A different perspective.
Laurence W.Beilenson. Address, Public Policy Seminar, New York University, NY.
illus Def Sci 2000+ 1:12-14+ May-Jun '82

Civil defense and the strategic balance.
Nancy D.Greene. Mil Sci & Tech 2:31-35+ '82

Civil defense in a nuclear war. Edgar Ulsamer.
illus AF Mag 65:70-73 Jun '82

Federal Emergency Management Agency. Louis O.
Giuffrida. illus Def Trans J 38:37-38 Feb
'82

President Reagan's civil defense program.
Def Monitor 11, No.5: entire issue '82

CIVIL ENGINEERING

The A/E's (Architects and Engineers) role in
mobilization. Thomas H.Spencer. illus Mil
Engr 74:435-440 Nov-Dec '82

Air Force engineering--our solemn obligation.
MajGen William D.Gilbert. por chart illus
Mil Engr 74:16-19 Jan-Feb '82

CIVIL ENGINEERING - Continued

Army engineers: Professionalism and integrity.
LtGen J.K.Bratton. chart illus tabs
por Mil Engr 74:4-8 Jan-Feb '82

Beefing up Prime BEEF. Capt Ron Fuchs. illus
Airman 26:41-46 Nov '82

Civilian vs military engineer careers--a
view from the other side. Chester L.Lucas.
Mil Engr 74:108-110 Mar '82

Developing active duty Army PE's (Professional
Engineers). Capt Kenneth W.Cargill.
illus Mil Engr 74:448-450 Nov-Dec '82

Maintaining top cover for America (throughout
Alaska). Capt Patrick M.Coullahan. illus
AF Engrg & Svcs Qtr 22:40-43 Winter
'81/'82

A new pile-driving formula. Capt Philip Scott
Morris and Richard D.Barksdale. tabs Mil
Engr 74:211-213 May-Jun '82

Spirit to excel. LtCol Al Day. illus Air
Reservist 34:4-5+ Sep-Oct '82

Two-year study: Lack of civil engineers
cited. John Ginovsky. AF Times 43:3
Dec 13 '82

Study and Teaching

Pick'n shovel warriors. James A.George. illus
Airman 26:2-6 Jan '82

CIVIL RESERVE AIR FLEET

CRAF: Cooperative self-interests could benefit
all. William K.Stackhouse. illus Mil
Sci & Tech 2:54-55 '82

CRAF to be dropped. AF Mag 65:37 Mar '82

A uniform national air-cargo system--do we
need it? Paul D.Tuck. illus tabs AU Rev
33:58-67 Jul-Aug '82

CIVIL RIGHTS

CMA warns about delays in posttrial review
wait. Tom Philpott. AF Times 43:12 Sep 27
'82

The commander's right to inspect. Maj John
K.Wallace III. Jt Persp 3:24-37 Summer '82

Mobilization for a European war: The impact
of habeas corpus. Maj Jon P.Bruinooge.
AF Law Rev 22, No.3:205-281 '81/'82

Two in DOD back use of lie detectors. Paul
Smith. AF Times 43:4 Dec 27 '82

CIVIL SERVICE

See also
Civilian Employees

Congress votes bill to ease catch 62 bind.
Martha Lynn Craver. AF Times 43:1+
Sep 6 '82

CIVIL SUPREMACY OVER THE MILITARY see
Military-Civil Relations

CIVIL WAR--U.S.

- An Artillery Man's dilemma. Col Robert M. Stegmaier, Ret. illus Fld Arty J 50:43-45 Jan-Feb '82
- Battle of the Crater (use of tunnel in attacking Petersburg, VA, 1864). Robert F. Russell. illus Soldiers 37:50-51 Mar '82
- (Comdr John M.) Brooke of Confederate naval ordnance. M.L.Brown. illus tab Natl Def 66:34-38 May-Jun '82
- Diary of a Confederate soldier. Larry G. Bowman and Jack B.Scroggs. illus Mil Rev 62:20-34 Feb '82
- Forgotten hero of the Confederacy (BrigGen Josiah Gorgas). M.L.Brown. illus por Natl Def 66:52-58 Jan '82
- Historical MILPERCEN site. Capt Peter C. Eisen. illus Fld Arty J 50:43-45 Sep-Oct '82
- The military ethics of General William T. Sherman: A reassessment. John W.Brinsfield. Parameters 12:36-48 Jun '82
- The role of logistics in the Confederate defeat. David B.Sabine. Army Log 14:12-16 Jan-Feb '82
- Without much blood (John Brown's attack on Harpers Ferry, VA, Oct 1859). Lester B. Hazen. map illus Mil Rev 62:57-66 Sep '82

CIVILIAN EMPLOYEES

Air Force--U.S.

- Automated Security Clearance Approval System (ASCAS). TIG Brief 34:13 May 28 '82
- Burden of proof in discrimination complaints. TIG Brief 34:13 May 14 '82
- Civilian position classification inaccuracies cost. TIG Brief 34:16 Nov 29 '82
- Comptroller Civilian Career Management Program. Regular feature in issues of Air Force Comptroller
- The Job Performance Appraisal System (JPAS). TIG Brief 34:7-8 Jun 25 '82
- Position classification authority. TIG Brief 34:14 Feb 19 '82

Army--U.S.

- Army civilians boost productivity, readiness. Raymond J.Sumser. illus Army 32:164-166+ Oct '82
- Disabled DACs (handicapped civilians employed by the Army). SSgt Vickey Mouze. illus Soldiers 37:46-48 Mar '82
- Getting a clear picture: The civilian appraisal system. MSgt Mike Mason. Soldiers 37:36-38 May '82

CIVILIAN EMPLOYEES - Continued

Defense Dept--U.S.

- Conflict of interest: Rules for retirees. Kathleen A.Buck. Defense/82, pp 12-15, Jan '82
- Drug survey to tap civilians, military. AF Times 42:17 May 24 '82
- Facts and figures about the Department of Defense. tabs charts illus Defense/82: entire issue Sep '82
- Getting along with civilian employees. CDR Kenneth W.Meeks. illus Mil Engr 74: 432-434 Nov-Dec '82
- Last try by union to recoup parking fees. AF Times 42:2 Jan 25 '82
- Politics and promotions. John G.Kester. Parameters 12:2-13 Dec '82

Navy--U.S.

- Naval support ships: The case for civilian manning. David A.Leff and Thomas W.Scoville. Def Mgt J 18:36-42 Third Quarter '82
- The relationship between senior Navy civilian and military executives. Laurie A.Broedling and others. tabs Nav War Col Rev 34:78-89 Nov-Dec '81

United States

- Adverse action appeals: Merit System Protection Board versus negotiated grievance procedure. TIG Brief 34:11 Oct 25 '82
- 1.5 million retirees could face pay cap. Tom Philpott. AF Times 42:1+ Jan 4 '82
- Permanent CPI-wage cap weighed. Tom Philpott. AF Times 42:1+ Jan 18 '82
- Reagan will ask Hill to cap retired pay: Ties raises to active duty boost. Tom Philpott. AF Times 42:1+ Jan 25 '82
- Recordkeeping requirements under the Fair Labor Standards Act. TIG Brief 34:7 Jul 9 '82

Salaries and Wages

- Civilian/military pay gap shows near-term decrease; long-term rise. W.Eric Casey. tab Armed Forces J Intl 119:50 Mar '82
- Congress votes bill to ease catch 62 bind. Martha Lynn Craver. AF Times 43:1+ Sep 6 '82
- 4 percent pay boost likely in October. Tom Philpott and Martha Lynn Craver. AF Times 42:1+ May 24 '82
- 4 percent still appears likely as pay hike. Martha Lynn Craver. AF Times 42:1+ Jun 7 '82
- House: 4% raise, full retiree COL. Martha Lynn Craver. AF Times 42:1+ Jun 21 '82

CIVILIAN EMPLOYEES - ContinuedUnited States - Cont'dSalaries & Wages - Cont'd

'83 budget: Military 8%, civilian raise cap at 5%. Tom Philpott. AF Times 42:1+ Feb 1 '82

Raise deal: Only for scarce skills. Martha Lynn Craver. AF Times 42:1+ May 17 '82

Three senators suggest active duty pay freeze. Martha Lynn Craver. AF Times 42:1+ Mar 1 '82

CIVILIAN HEALTH AND MEDICAL PROGRAM OF THE UNIFORMED SERVICES see MedicareCLAIMS

See also
Court of Claims
Liability

Alaska HHGoods damaged. Leonard Famiglietti. AF Times 42:1+ May 17 '82

Construction claims--investigating and presenting them. Paul J. Walstad and Joseph H. Kasimer. Mil Engr 74:376-380 Sep-Oct '82

Court of Claims abolished, duties divided. Tom Philpott. AF Times 43:12 Oct 18 '82

Last try by union to recoup parking fees. AF Times 42:2 Jan 25 '82

Malpractice and the military lawyer: The gathering storm. Col Robert G. Douglass. AF Law Rev 22, No.1:1-19 '80/'81

Proposal would speed claim settlement. AF Times 42:9 May 3 '82

Shipping damage to trailer-mounted engines. TIG Brief 34:16 Apr 16 '82

CLARK, Lynwood E.

Alaskan Air Command. illus chart por AF Mag 65:92-93 May '82

CLARKE, Bruce C.

How to overcome blind spots. Gen Bruce C. Clarke, Ret. Army Log 14:10-11 Sep-Oct '82

CLASSIFICATION see Personnel Classification; Security ClassificationCLAUSEWITZ, Karl von

Clausewitz and contemporary American professionalism. Col Thomas B. Vaughn. Mil Rev '62:39-44 Dec '82

Why Guard officers should study Clausewitz. Col John C. Cole. illus Natl Guard 36:17-18 Oct '82

CLOSE, Winton R.

The B-18--a reminiscence. MajGen Winton R. Close, Ret. illus Aerosp Hist 29:90-92 Jun '82

CLOSE AIR SUPPORT

The air-land battle--Soviet style. LtCol William P. Baxter, Ret. illus Army pt 1, 31:29-31 Dec '81; pt 2, Soviet air tactics: Get 'em on the ground. 32:34-36 Jan '82

Close air support--a major dilemma. Col Jacques C. Naviaux. illus MarCor Gaz 66: 37-40 Jul '82

Close air support: Have command and control kept up? Maj Jerry J. Thorius. illus Jt Persp 3:46-55 Winter '82

Enforcer out of Mustang came: But the Merlin's roar gives way to turbine's whine. Jacquelyn S. Porth. illus Def & For Aff 9: 6-9+ Oct '81

JAAT (Joint Air Attack Team): A present concept. Maj William J. Filippini and Capt David S. Prewitt. illus USA Avn Dig 28:2-7 Nov '82

Testing our EW capabilities. Maj B.B. Knutson. illus MarCor Gaz 66:61-65 May '82

Wars don't stop at night. Brian Wanstall. illus Interavia 37:773-775 Aug '82

History

Close air support evolution during WW II amphibious operations. Maj Frank A. Ylinen. illus Jt Persp 3:98-108 Summer '82

CLOTHING

See also
Clothing Protective
Personal Equipment
Uniforms

Clothing exchange and bath--a proposal. Maj William W. Southworth. illus tab Army Log 14:29-31 Sep-Oct '82

Dynamics of fashion at the military exchanges. Michael Haley. illus Interservice 2:51-53+ Spring '82

CLOTHING, PROTECTIVE

See also
Helmets
Pressure Suits

Chemical defense equipment--a perception. LtCol Thomas H. Fletcher. illus Army Log 14:26-27 May-Jun '82

Chemical weapons: An imbalance of terror. Joseph D. Douglass, Jr. tab Strat Rev 10: 36-47 Summer '82

A new NBC clothing concept from France. B. Fritz. illus tab Intl Def Rev 15, No.11: 1587-1588 '82

CLOTHING, PROTECTIVE - Continued

On the razor's edge of technology. Cpts Anthony J.Kwan and J.D.Wilson. illus AF Engrg & Svcs Qtr 23:28-32 Spring '82

Triple R (Rapid Runway Repair) in a chemical environment. Maj John A.Centrone. illus AF Engrg & Svcs Qtr 23:20-21 Spring '82

CLOUDS

Flying in clouds. LtCol G.Baldenkov. Soviet Mil Rev No.11:21-22 Nov '82

CLUBS

See also
Aero Clubs

COAST GUARDCaribbean Region

Coast guarding the Caribbean. LCDR Michael R. Adams. illus map US Nav Inst Proc 108:61-65 Aug '82

India

India's defence perspectives and the armed forces. Pushpindar Singh. illus Asian Def J No.10:12-14+ Oct '82

United States

CG (Coast Guard) benefits most by staying in DOT (Department of Transportation): Commandant against moving to Defense Department. ADM James Gracey. Letter. illus Officer 58: 18-20 Aug '82

Coast Guard Aviation: Multimission men and machines. William P.Schlitz. illus AF Mag 65:66-68+ May '82

Coast Guard C³. LCDR Craig M.Nicholson. maps illus tab Signal 36:97+ May-Jun '82

Coast Guard engineering: Productivity challenges. RADM R.S.Lucas. chart illus tabs por Mil Engr 74:24-27 Jan-Feb '82

Coast Guard--standing watch on a mix of missions. ADM John B.Hayes. illus Defense/ 82, pp 32-36, Apr '82

Coast guarding the Caribbean. LCDR Michael R. Adams. illus map US Nav Inst Proc 108:61-65 Aug '82

Congressional SAR mission planned to restore USCG budget. L.Edgar Prina. illus Sea Power 25:9-11 Feb '82

An Eagle at sea (Coast Guard Academy tall ship Eagle). Larry Baker. illus Def Trans J 38:34-37 Jun '82

Guarding the Navy: Coast Guard style. CW2 Paul C.Scotti. illus Armed Forces J Intl 120:92+ Oct '82

COAST GUARD - ContinuedUnited States - Cont'd

Hip boots or blue water? An examination of the U.S. Coast Guard and its future. CAPT Robert G.Moore. illus US Nav Inst Proc 108: 182-197 May '82

New cutters for the Coast Guard. Paul Seidenman. illus Natl Def 67:58+ Oct '82

New USCG commandant takes charge at a time of great change. James D.Hessman and Vincent C.Thomas, Jr. Interview. illus por Sea Power 25:8-10+ Aug '82

Roles and missions study reaffirms USCG's defense responsibilities. L.Edgar Prina. illus Sea Power 25:16+ May '82

United States Coast Guard. RADM William P. Kozlovsky. illus map por Def Trans J 38: 49-52 Feb '82

(VADM James Steele) Gracey named as new CG Commandant. por Armed Forces J Intl 119:23 Apr '82

Directories

Guide to military installations in the U.S. illus maps AF Times, Times Magazine sup: entire issue Apr 5 '82

History

Coast Guard Aviation: Multimission men and machines. William P.Schlitz. illus AF Mag 65:66-68+ May '82

COAST GUARD ACADEMY, NEW LONDON, CT

An Eagle at sea (Coast Guard Academy tall ship Eagle). Larry Baker. illus Def Trans J 38:34-37 Jun '82

COASTS

Anti-ship missiles and costal surveillance. illus Asian Def J No.2:62-64 Feb '82

COCKPITS see

Airplanes--Cockpits
Airplanes, Military--Cockpits
Helicopters--Cockpits

CODE OF CONDUCT see Prisoners of War--Code of ConductCODES see CryptographyCOEXISTENCE see International RelationsCOLBY, William E.

(Former CIA director William) Colby on think tanks. Interview. illus por Def & For Aff 10:11-12 Mar '82

COLD

Maintaining top cover for America (throughout Alaska). Capt Patrick M. Coullahan. illus AF Engrg & Svcs Qtr 22:40-43 Winter '81/'82

You're next. TSgt Howard T. Edgar and SSgt Stewart R. Young. illus Flying Safety pt 1, 38:21-23 Dec '82

Physiological Aspects

Chill charts. tabs TAC Attack 22:21-23 Nov '82

Clinical and experimental evidence for the use of hypothermia in decompression sickness. Edward H. Simmons and others. tabs Aviation, Space & Envmt Med 53:266-268 Mar '82

Frostbite and hypothermia. TAC Attack 22:24 Nov '82

COLD WAR

Yankee Doodle boy (John R. McKone--prisoner of war in the Soviet Union, 1960-61). Capt Katie Cutler. illus Airman 26:8-13 Jul '82

COLD WEATHER OPERATIONS

See also
Ski Troops

Arctic airborne mortars. SSgt John E. Foley. Infantry 72:15-16 Sep-Oct '82

A bird's eye view of winter. Maj James C. St. John. illus Combat Crew 32:14-16 Oct '82

Cold regions test center. SSgt Terri Wiram. illus Soldiers 37:24-26 Oct '82

'Deep Freeze.' Nanse Grady. illus Soldiers 37:20-21 Feb '82

The hazards of winter flying. Maj Kurt P. Smith. illus Flying Safety 38:4-6 Oct '82

Rangers jump into Ripley snowdrifts. Reed C. Hildreth. illus Natl Guard 36:26-28 May '82

Rotor-induced whiteout. illus USA Avn Dig 28:14-15 Sep '82

Winter training. LtCol Richard A. Dixon. Infantry 72:29-31 Nov-Dec '82

Winter warfare: Atop an Alaskan glacier, soldiers learn to fight--and survive. Jay Finegan. illus AF Times, Times Magazine sup:4-9 Dec 6 '82

Winter weather review. MAC Flyer 29:14-15 Nov '82

COLLINS, Arthur S., Jr

Tactical nuclear weapons: Are they a real option? LtGen A.S. Collins, Jr, Ret. illus Army 32:36-39 Jul '82

COLORMilitary Applications

Yellow is better. CW3 Gary E. Rossomme. USA Avn Dig 28:38-39 May '82

COMBAT

See also
Hand-to-Hand Combat

The battalion commander: Linkpin in battle-field success. Maj Joseph J. Angsten, Jr. illus Mil Rev 62:29-35 Mar '82

The battle on the German frontier. LtCol Barry R. McCaffrey. Mil Rev 62:62-70 Mar '82

Continuous operations. Capt George R. Frank. illus Armor 91:19-23 Mar-Apr '82

High morale in combat. LtGen Julian J. Ewell, Ret. illus Mil Rev 62:19-33 Jun '82

Maneuver in the deep battle. LtCol L.D. Holder. Mil Rev 62:54-61 May '82

On omens & oracles (on whether to dig fighting positions for tanks). Col Gerald C. Brown. tab illus Mil Rev 62:52-56 Sep '82

Robotics under study. Def Mgt J 18:48 First Quarter '82

(Sharon) Lord: Repeal Hill ban on women in combat. illus AF Times 42:12 Jan 11 '82

Support of combat actions. Maj V. Osipenko. illus Soviet Mil Rev No. 10:19-21 Oct '82

Study and Teaching

An advanced combat training system using laser simulation. John M. Keating and Rudolph R. Gammarino. illus Natl Def 66:31-32+ May-Jun '82

Preparing the combat aviator. Maj Julian T. Marsh. illus Mil Rev 62:29-39 May '82

COMBAT CONTROL CENTERS

This term is used to include organizations whose missions are like: Tactical Air Control Centers, Tactical Control Centers, Combat Operations Centers, Combat Information Centers.

Armed Forces

Automating NATO's command centers. Thomas E. Gernon. illus Signal 37:45-51 Dec '82

COMBAT EVALUATION

See also subdivision under specific subjects, e.g.,
Airplanes, V/STOL--Combat Evaluation
Helicopters, Military--Combat Evaluation
Rifles--Combat Evaluation
Weapon Systems--Combat Evaluation
Weapons--Combat Evaluation

COMBAT INFORMATION see Intelligence, Military

COMBAT PAY see Special Duty Pay

COMBAT READINESS

See also
Operational Readiness

Bold Eagle 82. illus Sergeants 20:24-25
Mar '82

Can we survive and win? James R. Van Orman
and Clarence E. Langford. illus tab AF
Engrg & Svcs Qtr 23:14-18 Spring '82

Collocated operating bases: A good idea that
needs funding. Tidal McCoy. illus Natl
Guard 36:28-30 Aug '82

Combat commanders must have best. (Excerpts
from presentation, ROA Mid-Winter Meeting,
Washington) LtGen Robert C. Kingston. illus
Officer 58:14-16 May '82

Combat readiness: Naval air vs Air Force. LT
Steven W. Smith. illus US Nav Inst Proc 108:
41-45 Feb '82

Don't red X helicopters--an endangered advan-
tage. Maj Everette L. Roper, Jr. USA Avn Dig
28:42-46 Mar '82

European workload program. TIG Brief 34:7
Mar 5 '82

The forward support maintenance concept.
LtCol Paul G. Bowers and Maj Herbert Guidry.
illus Mil Rev 62:11-17 May '82

The Guard's combat success depends on logis-
tics. Col James G. McKnight. illus Natl
Guard 36:24-27 Aug '82

How sharp the teeth if tail won't thrash?
Roy A. Werner. illus tab Army 32:30-34
Feb '82

A logistics function--DOD water 'works.'
LtGen Richard H. Thompson and Capt Daniel
G. Mongeon. Army Log 14:6-8 Jan-Feb '82

Maintenance means sustainability. Maj Gary
L. LaGrange. illus Army Log 14:10-11 May-Jun
'82

Meeting the threat to facilities readiness.
MajGen Clifton D. Wright, Jr. illus Mil
Engr 74:32-33 Jan-Feb '82

NTC's (National Training Center) desert
'Reds' ready for all comers. Wayne Hair.
illus Army 32:36-38 Apr '82

One-on-one tactical training. Jerry D. Freeble
and others. Infantry 72:30-34 May-Jun '82

Reforger '81: Few training exercises test a
unit's training, readiness and soldiers as
completely. illus Soldiers 37:13-15 Apr '82

Reversal of roles: Guard commands. SSgt
Thomas F. Doherty. illus Natl Guard 36:9-11
Feb '82

SAC trains the way it would fight. Maj Bruce
Eickhoff. illus AF Mag 65:62-66 Feb '82

COMBAT READINESS - Continued

SHORAD (Short-Range Air Defense) vs air cav--
(everybody wins). 1stLts Thomas C. Rogan
and Martin W. Shubert. illus Air Def Mag,
pp 16-19, Jan-Mar '82

Selling the air threat or how to educate a
division. 1stLt John S. Hudson. illus Air
Def Mag, pp 6-8, Oct-Dec '81

Sustainment training. Infantry 72:23-29 May-
Jun '82

TACTS/ACMI: Aircrew training experience.
Charles A. Whitney. illus Natl Def 66:17-18+
Feb '82

To achieve cohesion in combat units--think
small, start now and accept the costs. Col
Robert E. Conroy. illus Army 32:18-21+ Jul
'82

U.S. Army, Europe: 'Deterrent power real.'
Gen Frederick J. Kroesen. illus Army 32:
70-73+ Oct '82

U.S.-ROK observe milestone--partners in arms,
century-old friends. Gen Robert W. Sennewald.
illus Army 32:82-85+ Oct '82

War plans: Key to readiness. TIG Brief 34:10
Sep 27 '82

We must have broader idea of requirements.
Edward J. Philbin. illus Officer 58:20-22
May '82

Study and Teaching

Pick'n shovel warriors. James A. George. illus
Airman 26:2-6 Jan '82

COMBAT SUPPORT OF THE ARMY

Can Reserve support units be ready in time?
Col Irving Heymont, Ret. illus Army 32:
31-33+ Sep '82

Clothing exchange and bath--a proposal. Maj
William W. Southworth. illus tab Army Log
14:29-31 Sep-Oct '82

Combat service support. Capt Douglas E. Lute
and MSgt Edmund L. Devereaux III. Armor 91:
42-43 Jul-Aug '82

Combat service support command, control and
communications. LtCol Edward A. Beaton and
Maj Charles J. Anderson. illus Mil Rev 62:
2-12 Nov '82

Division '86--armored combat logistics vehi-
cles. Capt Merle D. Russ. illus Army Log
14:24-27 Jan-Feb '82

Making PLL (Prescribed Load Lists) and ASL
(Authorized Stockage Lists) combat ready.
Army Log 14:33 Jan-Feb '82

Medical unit survival on the modern battle-
field. LtCol Richard J. Berchin. illus Mil
Rev 62:62-74 Jun '82

'Support forward'--when and if the budget
permits. Eric C. Ludvigsen. illus Army 32:
34-37+ May '82

COMBAT SURVEILLANCE see Surveillance

COMBINED FORCES

This term applies to the forces among two or more allied countries. For information on forces of one country only see Joint Forces.

See also
North American Aerospace Defense Command

Bright Star. SSgt Gary L.Kieffer. illus
Soldiers 37:10-14 Jun '82

Exercise Kangaroo 81. Brig P.J.Greville. map
illus Pac Def Rep 8:10+ Dec '81/Jan '82

COMBINED OPERATIONS

This term applies to operations among two or more allied countries. For operations of one country only see Joint Operations.

See also specific exercises and/or operations by name.

Bright Star in the desert. illus Army 32:
38-40 Feb '82

Bright Star '82. 1stLt Glenn M.Guzze. illus
Airman 26:24-28 Aug '82

Bright Star: The medium has a message. illus
Def & For Aff 9, No.14:10-13+ '81

"Butcher and bolt": Admiral Roger Keyes and
British combined operations, 1940-1941.
Glen St.J.Barclay. Nav War Col Rev 35:18-29
Mar-Apr '82

Coronet Cruise: Sink the ships without seeing
them. Maj Kirk McManus. illus Natl Guard
36:29-30 Mar '82

Down under operations. 2dLt Jimmy B.Ellis.
illus Combat Crew 32:8-9 Dec '82

Helicopters--the Soviet view. CW4 Richard
A.Davis. illus tabs USA Avn Dig 28:36-42
Jan '82

"Lightning look"--intelligence interopera-
bility. Maj Robert W.Noonan, Jr. illus
Mil Rev 62:43-51 Jan '82

Sudanese wait for West Virginians at the
Nile junction. illus Natl Guard 36:20-23
May '82

'We loved your colorful language' (exchange
visits between the National Guard and the
Territorial Army (TA) of Britain). Maj
Stanley D.S.Baldwin. illus Natl Guard 36:
10-13 Aug '82

COMMAND

See also
Leadership

Captains (aircraft commanders, too) & co-
pilots: Joint responsibility. Flying Safety
38:12-13 Mar '82

Castle (AFB, CA): The second time around . . .
Capt Jerry D.Horne. illus Combat Crew
32:10-11 Dec '82

Chain of command. Dandridge M.Malone. Infan-
try 72:13-15 May-Jun '82

Command in Europe. Capt Robert L.Maginnis.
Infantry 72:22-26 Sep-Oct '82

COMMAND - Continued

Guard commands Regulars? "Never happen,"
you say. illus Natl Guard 36:20-21+ Sep
'82

Interoperability works. LtGen Eugene P.For-
rester. illus Infantry 72:6-8 Jan-Feb '82

Is centralized command selection the best
way? LtCol James L.Estep. Army 32:18-21
Apr '82

Making command selection work before and
after command. Col David E.K.Cooper and
LtCol Gilbert M.F.Brauch, Jr. Mil Rev 62:
67-71 Sep '82

Professional notes. Regular feature in issues
of United States Naval Institute Proceedings

Strategy flexibility and logistics. RADM
Henry E. Eccles, Ret. Paper, Institute of
the Aerospace Sciences Navy National Avia-
tion Meeting, San Diego, CA, 22 Aug 1961.
Log Spectrum 16:19-23 Summer '82

COMMAND AND CONTROL

See also
Air Force Satellite Communications System
Combat Control Centers
Command, Control and Communications
National Military Command and Control System
Worldwide Military Command and Control System

AEW (Airborne Early Warning) aircraft: A
growing trend. Bonner Day. illus NATO's
Fifteen Nations 26:62-63 Dec '81-Jan '82

AFCEA C² acquisition study. Robert F.O'Dono-
hue, Jr. Signal 36:58-60 Aug '82

The air-land battle--Soviet style. LtCol
William P.Baxter, Ret. illus Army pt 1,
31:29-31 Dec '81; pt 2, Soviet air tactics:
Get 'em on the ground. 32:34-36 Jan '82

Automating NATO's command centers. Thomas E.
Gernon. illus Signal 37:45-51 Dec '82

C³I: Essential to preparedness. illus Signal
36:17+ May-Jun '82

"C³I is my highest priority item. Without
survivable command and control you cannot
execute your forces." Interview. Gen Bennie
L.Davis. por Armed Forces J Intl 119:30+
Jun '82

Close air support: Have command and control
kept up? Maj Jerry J.Thorius. illus Jt
Persp 3:46-55 Winter '82

Combat service support command, control and
communications. LtCol Edward A.Beaton and
Maj Charles J.Anderson. illus Mil Rev 62:
2-12 Nov '82

Command and control in the 2d Armored Divi-
sion. MajGen Richard L.Prillaman. illus
Mil Rev 62:36-43 Jul '82

Computer technology in command-and-control.
illus Pac Def Rep 8:64 Mar '82

COMMAND AND CONTROL - Continued

Conflict in the ether: Disrupt, delay, destroy. Eric C. Ludvigsen. illus Army 32:22-24+ Jun '82

Conventional air defence in Europe. Col Braune. illus NATO's Fifteen Nations Special Issue No.1:13+ '82

Employment of tactical air control radars. Col Robert E. Gardner. Signal 37:55-58 Nov '82

Force multipliers and the carrier debate. J.O. Langtry and Desmond Ball. illus Pac Def Rep 9:35+ Sep '82

Future NATO air C. David A. Facey and Richard D. Ventry. Signal 37:61-62+ Dec '82

Implementing a maneuver style of war. Capt Anthony M. Coroalles. illus Mil Rev 62:20-25 Dec '82

Improved survivability for automated C² systems. LtCol Glenn G. Givens, Ret. Signal 36:31-33 Apr '82

Information flow in air defence. Air Commodore Johannes Gijzen. NATO's Fifteen Nations Special Issue No.1:71-72 '82

Laser air situation display. W. Thust. illus Armada Intl 6:52-54+ Jan-Feb '82

MCS: The Maneuver Control System. Col Alan B. Salisbury. illus Signal 36:35-39 Mar '82

MSCS: The future of SHORAD early warning. Frank Schoch. illus Air Def Mag, pp 27-30, Jul-Sep '82

NATO command and control. MajGen Richard C. Bowman, Ret. illus por tabs map Armed Forces J Intl 119:58+ Feb '82

National communications system. LtGen William J. Hilsman. Signal 36:79-82 Aug '82

Norwegian naval weapon control and command control systems. illus Armada Intl 6:100-102+ Jan-Feb '82

Outlook for NATO communications. Larry K. Wentz and Gope D. Hingorani. map Signal 37:53-59 Dec '82

The role of decision support systems in command and control. H. Bennett Teates. illus Signal 37:45-49 Sep '82

(Soviet Navy) their command and control. CDR Dean L. Sedgwick. US Nav Inst Proc 108:45 Oct '82

Switzerland means to defend its neutrality. Mark Lambert. illus Interavia 37:557-564 Jun '82

Tactical control of a passage of lines. LtCol Edwin P. Smith. illus Armor 91:17-19 Nov-Dec '82

They're only human: Decision-makers in command and control. Stephen J. Andriole and Gerald W. Hopple. illus Signal 36:45-49 Mar '82

COMMAND AND CONTROL - Continued

UHF (Ultra High-Frequency) antijam protection now--HAVE QUICK. LtCol Galen J. Rose. illus tab Signal 36:35-40 Apr '82

Uneasiness about technological progress in the armed forces. Col Ruprecht Haasler and LtCol Hans Goebel. illus Mil Rev 62:62-72 Oct '82

VISTA (Very Intelligent Surveillance and Target Acquisition)--a view of the future. William E. Vander Meer. illus J of Elect Def 5:47-48+ Oct '82

Video teleconferencing for crisis applications. Clinton W. Kelly III. illus Signal 36:27-29+ Jul '82

Wartime survivable E&S command and control. LtCol Richard J. Bergholz. illus AF Engrg & Svcs Qtr 22:30-31 Winter '81/'82

Why C³I is the Pentagon's top priority. illus Govt Exec 14:14-16+ Jan '82

COMMAND AND GENERAL STAFF COLLEGE

Allied Officer Hall of Fame: The first decade. LtCol John B. Haseman. illus tabs Mil Rev 62:45-48 Jun '82

What do you want us to shoot? Maj John D. Spengler. illus Fld Arty J 50:7-9 Mar-Apr '82

COMMAND, CONTROL AND COMMUNICATIONS

See also
Command and Control

(AFCEA) keynote luncheon address. Cong Robert H. Mollohan. illus Signal 36:15-18 Aug '82

(AFCEA) sustaining members' luncheon address. ADM John G. Williams, Jr. illus por Signal 36:21-23 Aug '82

Battlefield communications. Richard Bartz. illus NATO's Fifteen Nations 27:49-50+ Aug-Sep '82

C³: Progress and developments. CDR R. Robinson Harris. illus US Nav Inst Proc 108:114-117 Dec '82

C³--technological edge for the '80s. Edgar Ulsamer. AF Mag 65:54-58 Jul '82

C³--the last ten years. LtGen Hillman Dickinson. Mil Elect/Countermeasures 8:26+ Jan '82

C³CM--let's get on with it! MajGen Doyle E. Larson. illus por J of Elect Def 5:33-34 Jan '82

C³ CM: Progress and outlook. MajGen Doyle E. Larson. Def Mgt J 18:6-10 Third Quarter '82

C³I: Essential to preparedness. illus Signal 36:17+ May-Jun '82

COMMAND, CONTROL AND COMMUNICATIONS - Continued

"C³I is my highest priority item. Without survivable command and control you cannot execute your forces." Interview. Gen Bennie L. Davis. por Armed Forces J Intl 119:30+ Jun '82

C³I--the sky is the limit. Felix Müller. illus Armada Intl (Special Issue I) 6:37-40 May-Jun '82

C-cubed modification. Maj Francis E. Sobotka. illus Combat Crew 33:16-17 Nov '82

C^{nth}? On the strategic potential of ESP. Roger A. Beaumont. Signal 36:39-40+ Jan '82

Coast Guard C³. LCDR Craig M. Nicholson. maps illus tab Signal 36:97+ May-Jun '82

Combat service support command, control and communications. LtCol Edward A. Beaton and Maj Charles J. Anderson. illus Mil Rev 62: 2-12 Nov '82

Command-and-control communications in the RAN. Capt Richard Arundel. illus tab Pac Def Rep 8:65+ May '82

Command, control, and communications. Regular feature in some issues of Military Electronic/Countermeasures

Command, control and communications in air defense. Kurt Arbenz. illus Armada Intl (Special Issue I) 6:2+ May-Jun '82

Communications: Key to airlift effectiveness. Col Ray G. Green, Jr. illus Airlift Ops Rev 4:22-24 Jan-Mar '82

Communications vulnerability. Harry V. Martin. map illus tab Mil Sci & Tech 2:42-48 '82

Computer graphics for command and control. Faris G. McCarty. Signal 36:61-63 Feb '82

DOD perspective and future C³I systems. Donald C. Latham. Signal 36:40-43 Aug '82

Defensive C³ countermeasures. Roy Jacobus. illus J of Elect Def 5:31-35 Jul '82

Economic analysis in the military communications/electronics environment. Thomas P. Frazier and Francis J. Henry, Jr. illus tabs Signal 37:27-33 Sep '82

Effective C³ communications for coastal and offshore forces. Alan Bell. illus Islamic Def Rev 7, No. 2:24-28 '82

The evolving nature of the C³ systems acquisition process. Robert B. Doane. illus Concepts 5:177-190 Autumn '82

Force multipliers and the carrier debate. J.O. Langtry and Desmond Ball. illus Pac Def Rep 9:35+ Sep '82

The future marriage of strategic national and tactical C³I assets. Robert J. Hermann. Signal 36:44-46 Aug '82

COMMAND, CONTROL AND COMMUNICATIONS - Continued

³
Has NATO C I gone haywire? Deborah M. Kyle and Deborah G. Meyer. illus Armed Forces J Intl 120:56+ Dec '82

The impact on our future military capabilities with improved C³I. Gen W. DePuy, Ret. Signal 36:47-48 Aug '82

Improved strategic C³: An urgent national priority. Rep John G. Tower. por Signal 36: 65-66 May-Jun '82

Information as a weapon--some thoughts on the problem of military C³. LtCol N. Müller. Intl Def Rev 15, No. 4:418 '82

Information processing--visions of the future (use of computers in the information age). James L. Bispo and others. illus Signal 36: 13-14+ Feb '82

Issues and answers: RDJTF C⁴IS (Command, Control, Communications, Computer and Intelligence Systems) support. Col Thomas B. McDonald III. illus Signal 37:35-38 Nov '82

JCS role in C³ systems acquisition. LtGen Hillman Dickinson. Signal 36:49-51 Aug '82

A joint approach to C³I. Edgar Ulsamer. AF Mag 65:54-57 Dec '82

Keys to success in C³I. BrigGen Bernard L. Weiss. Signal 36:52-54 Aug '82

Marine integrated fire and air support system. Paul Seidenman. illus Natl Def 67: 29-32+ Oct '82

NATO C³, IFF, and EW being upgraded. illus Def Elect 14:50+ May '82

NATO command and control. MajGen Richard C. Bowman, Ret. illus por tabs map Armed Forces J Intl 119:58+ Feb '82

³
NATO--the status of C : A SHAPE Technical Centre perspective on NATO C³ developments. Erik Klippenberg. Signal 37:23-24 Dec '82

³ ³
NATO--the status of C : ACE missions--C needs. Gen Bernard W. Rogers. Signal 37:26 Dec '82

³ ³
NATO--the status of C : C --a transition in the Northern Europe Command. Gen Anthony Farrar-Hockley. Signal 37:19-20 Dec '82

³ ³
NATO--the status of C : C challenges in the Southern Region. ADM W.J. Crowe. tab Signal 37:17+ Dec '82

³ ³
NATO--the status of C : C in the Central European Command. Gen Ferdinand M. von Senger und Etterlin. Signal 37:27+ Dec '82

³ ³
NATO--the status of C : C requirements--Eastern Atlantic area. Adm John Fieldhouse. Signal 37:20 Dec '82

³ ³
NATO--the status of C : Consultation and C³. Vadm D.A. Collins, Ret. Signal 37:16 Dec '82

COMMAND, CONTROL AND COMMUNICATIONS - Continued

NATO--the status of C³: NATO C³. ADM Harry D. Train II. Signal 37:27 Dec '82

NATO--the status of C³: NATO C³--a look at the 80s. MajGen William G. MacLaren, Jr. Signal 37:24+ Dec '82

NATO--the status of C³: NATO C³: Key element of future deterrence. Vitalij Garber. Signal 37:23 Dec '82

"The name of the game is not technology or advancing science, it's to be better than the Soviets are." Interview. LtGen James W. Stansberry. illus por Armed Forces J Intl 119:24+ Feb '82

New directions in NATO C³. Dennis C. Marquis. illus Signal 37:39-42 Dec '82

No NATO C³ I "check-out counter." Benjamin F. Schemmer. map Armed Forces J Intl 120:66-67 Dec '82

The Ocean Surveillance Information System (OSIS). VADM Samuel L. Gravely, Jr, Ret. illus Signal 37:30+ Oct '82

Problems inherent in the Army C³ system. John Greenhill. Mil Elect/Countermeasures 8:26+ Jan '82

Robots support C³I: The iron hand in a white glove. Scott Y. Harmon. illus Signal 36: 69-70+ May-Jun '82

Some software implications of C² system acquisition. Alan J. Roberts. tabs illus Signal 36:19-25 Jul '82

The state of the nation's C³I. Tony Velocci. illus Natl Def 67:19-25 Oct '82

The systems approach: Aeromarine Systems Group. (Interview with Werner W. Mueller) illus Mil Tech 6:78-83 Feb '82

Tactical intelligence breaks the computer barrier. Horace J. Towler. illus Def Elect 14:51-52+ Jan '82

Toward adequate airpower for tomorrow (Policy paper, adopted at AFA's Annual National Convention, Sep 14, 1982). AF Mag 65:44-53 Nov '82

The two requirements for C³. James P. Wade, Jr. illus AF Mag 65:66-68 Jul '82

The U.S. Air Force today--speed, flexibility, and global reach. John T. Correll. illus Sea Power 25:90+ Apr '82

The view from industry--Joint Tactical Information Distribution System (JTIDS). John P. Sputz. Signal 36:15-17 Mar '82

The view from the Joint Program Office--Joint Tactical Information Distribution System (JTIDS). Col Norman E. Wells. Signal 36: 11-13 Mar '82

Why C³I is the Pentagon's top priority. illus Govt Exec 14:14-16+ Jan '82

Why the "ilities" in C³ are "survive" and "interoperate." Govt Exec 14:12+ Jun '82

COMMAND, CONTROL AND COMMUNICATIONS - Continued

See also Countermeasures
Jamming

Air Force C³CM data base production: An electromagnetic combat success multiplier. Clarence K. Davis and Douglas L. Christianson. illus J of Elect Def 5:121-124 Oct '82

C³CM--a deadly art. Maj R.C. Anderson. illus tab J of Elect Def 5:60-63 Apr '82

C³CM and the European environment. MajGen Doyle E. Larson. J of Elect Def 5:57-58+ Oct '82

C³CM modeling and simulation--a necessary step in defining force structure, testing, and operational employment. MajGen Gerald J. Carey, Jr, Ret and William E. Sears III. illus J of Elect Def 5:37-41+ Jul '82

C³CM--the next major Pentagon buzz word? Raymond T. Tate. Signal 36:19-21 Apr '82

C³CM--the third dimension. LtCol Gerald J. Friedman. J of Elect Def 5:60-65 Jul '82

C³I: A perspective. Gil Decker. J of Elect Def 5:31-33 Jun '82

Challenges to the DCS (Defense Communications System) from C³CM. William J. Hilsman and Alexander C. Bartko. illus J of Elect Def 5:30-32+ Oct '82

Counter C³--NATO's approach. Gen Richard L. Lawson. illus por J of Elect Def 5:41-44 May '82

Dr. Eberhardt Rechtin: C³ is the heart of any war in space. Martha Smith. illus Mil Elect/Countermeasures 8:9-10+ Nov '82

Electronic warfare: A key ingredient for "speechlessness." MajGen Albert N. Stubblebine III. illus Signal 36:13-17 Apr '82

General (James W.) Stansberry. Interview. por illus J of Elect Def 5:49-58+ Jul '82

Intelligence support in NATO: An operator's viewpoint. Col Robert H. Seh, Jr and LtCol John P. Lang. illus J of Elect Def 5:51-54 May '82

It's post time for C³CM. Col Francis P. Dube. J of Elect Def 5:25-26+ Jul '82

The role of C³CM in the air land battle. Col C.B. Eichelberger. illus J of Elect Def 5: 43-46 Jul '82

Soviet radio electronic combat and the U.S. Navy. LCDR Guy Thomas. Nav War Col Rev 35:16-24 Jul-Aug '82

Soviet radioelectronic combat. LtCol D.B. Lawrence. illus AF Mag 65:88-91 Mar '82

Status of Navy EW and C-C³. RADM Albert A. Gallotta, Jr. illus Signal 36:23-27 Apr '82

COMMAND, CONTROL AND COMMUNICATIONS - Continued COMMANDING OFFICERS - Continued

History

C³--the last ten years. LtGen Hillman Dickinson. Mil Elect/Countermeasures 8:26+ Jan '82

Survivability

(AFCEA) industrial luncheon address. Richard D.DeLauer. Signal 36:31-32 Aug '82

Testing

Development of simulation test beds to support design and development. Jay L.McBride. illus Signal 36:103-106 Aug '82

COMMAND POSTS

See also
Advanced Airborne Command Post

Command post emergency actions and reporting. TIG Brief 34:12 Jan 8 '82

Survivability

Command post survivability. Col Richard M. Scott and others. Mil Rev 62:12-20 Sep '82

COMMANDING OFFICERS

Admiral (James D.) Watkins to be 22d Navy Chief. por Armed Forces J Intl 119:20+ Apr '82

Advance leave (any leave not yet accrued). TIG Brief 34:9-10 Apr 2 '82

Airland battle--implications for the Infantry. LtCol Jerry M.Sollinger. illus Infantry 72:20-25 Mar-Apr '82

Article 15 policy change: More, but impact less. Don Mace. AF Times 42:10 Jan 18 '82

The battalion commander: Linkpin in battle-field success. Maj Joseph J.Angsten, Jr. illus Mil Rev 62:29-35 Mar '82

COs lose power to continue pretrial confinement. Don Mace. AF Times 43:6 Aug 23 '82

The captain. CDR John L.Byron. US Nav Inst Proc 108:39-45 Sep '82

The captain's role in reenlistment. CAPT Robert C.Gillette, Ret. illus US Nav Inst Proc 108:69-72 Feb '82

A chaplain speaks to commanding officers. CDR James M.Doyle. illus US Nav Inst Proc 108:58-61 Feb '82

Child abuse or neglect: The commander's role, and AFOSI's. TIG Brief 34:4 Aug 27 '82

The commander-attorney relationship. Maj Danford F.Carroll and Capt Rita R.Carroll. Infantry 72:27-30 Sep-Oct '82

Commander-employee communications. TIG Brief 34:15 Dec 20 '82

Commanders' responsibility for property. Col Orlen L.Brownfield. TIG Brief 34:2 Nov 15 '82

The commander's right to inspect. Maj John K.Wallace III. Jt Persp 3:24-37 Summer '82

Commander's skill. VAdm V.Kudryavtsev. Soviet Mil Rev No.10:22-23 Oct '82

Commanders warned on barracks searches. AF Times 42:17 Apr 12 '82

Commanders win new drug abuse powers. Paul Smith. AF Times 42:3 Jan 11 '82

Control of drug abuse paraphernalia. TIG Brief 34:12 Mar 5 '82

Defense takes actions to reduce bankruptcies. Laurie Parker. AF Times 42:2 Jan 25 '82

Don't shoot yourself in the foot while managing your guard unit. Col Elvin C.Bell. illus Natl Guard 36:13-16 Jul '82

For effective combat training. Grigory G. Borisov. illus Soviet Mil Rev No.11:12-15 Nov '82

(Gen Charles A.) Gabriel named 11th Air Force Chief. por Armed Forces J Intl 119:20 Apr '82

How to overcome blind spots. Gen Bruce C. Clarke, Ret. Army Log 14:10-11 Sep-Oct '82

Is centralized command selection the best way? LtCol James L.Estep. Army 32:18-21 Apr '82

MTMC names (BrigGen Archer L.Durham) new Vice-Commander. por Translog 13:20 Mar '82

Managing your unit. Capt Michael E.Doherty. Air Def Mag, pp 16-17, Oct-Dec '81

Ne po shablonu (not by pattern): Soviet tactical flexibility. LtCol Richard S. Kosevich. illus Mil Rev 62:24-32 Aug '82

ORI (Operational Readiness Inspection) preparation checklist for commanders. TIG Brief 34:3-4 Apr 16 '82

Rules of thumb for gut decisions: International law in emergencies. Alfred P. Rubin. Nav War Col Rev 35:41-50 Mar-Apr '82

Soviet air forces commanders. Harriet Fast Scott. illus AF Mag 65:53-60 Mar '82

The Soviet regimental commander. Maj Donald L.Mercer. illus Mil Rev 62:33-37 Aug '82

The stress of command. Jay Finegan. AF Times, Times Magazine sup:4-8 Jan 11 '82

Top leaders of the Soviet Armed Forces. Harriet Fast Scott. illus AF Mag 65:49 Mar '82

COMMANDING OFFICERS - Continued

(VADM James Steele) Gracey named as new CG Commandant. por Armed Forces J Intl 119:23 Apr '82

Will power in the making of a commander. Col Sh. Nurullin. Soviet Mil Rev No.10:38-39 Oct '82

You're not just a pilot, you're an aircraft commander. Capt David F.Todd. illus MAC Flyer 29:18-20 May '82

COMMANDOS

See also
Air Commandos
Rangers

Preparing a commando for Northern Ireland. Maj Scott W.McKenzie. illus MarCor Gaz 66:70-74 Aug '82

COMMANDS

See also specific Commands by name, e.g., Strategic Air Command

(Army) Western Command. Army 32:224 Oct '82

GAO to Services: Stop space role squabbling. Leonard Famiglietti. AF Times 42:7 Feb 15 '82

Joint transportation command seen vital. Don Hirst. AF Times 42:13 Jul 12 '82

Orr hopes for separate space command by '85. Leonard Famiglietti. AF Times 42:6 Feb 8 '82

(Photocharts of structure of the Office of the Secretary of the Air Force, the USAF Air Staff, the Deputy Chiefs of Staff, the major commands, the separate operating agencies, and the direct reporting units as of Aug 15, 1982). AF Mag 65:111-117 Sep '82

(Rep Ken) Kramer pushes space command. Leonard Famiglietti. AF Times 42:1+ May 31 '82

SPACOM (SPace COMmand) seen reducing chances for nuclear war. Leonard Famiglietti. AF Times 42:7 Jun 7 '82

A space mystery: Quest of '10th planet.' John Ginovsky. AF Times 42:17 Jul 12 '82

The stress of command. Jay Finegan. AF Times, Times Magazine sup:4-8 Jan 11 '82

COMMENDATIONS see Awards, Decorations, etc

COMMERCE

North-South relations in the 1980s. Theodore H.Moran. Nav War Col Rev 35:23-32 Sep-Oct '82

Technology trade policy with the Communist block. Sen William L.Armstrong. Signal 37:39-41 Oct '82

The unbuilt street--defense industrial cooperation within the Alliance. Thomas A. Callaghan, Jr. illus NATO's Fifteen Nations 27:26+ Oct-Nov '82

COMMERCE - ContinuedJapan

Japanese-American economic troubles--lowering the temperature. Saburo Okita. Intl Sec 7:198-203 Fall '82

Soviet Union

The Soviet connection I: Raiding the Free World's technology. Richard N.Perle. Defense/82, pp 10-15, Feb '82

United States

Exim (Export-Import) Bank: A wise investment for our economic vitality. Stuart E.Eizenstat. Govt Exec 14:29+ Mar-Apr '82

Has the U.S. backed off as world's free trade leader? illus tab Govt Exec 14:24+ Mar-Apr '82

How U.S. neglect is wrecking exports, increasing deficits. Don Stingel. illus Govt Exec 14:38-39 Mar-Apr '82

Japanese-American economic troubles--lowering the temperature. Saburo Okita. Intl Sec 7:198-203 Fall '82

Rebuilding the infrastructure (the first significant overhaul of Federal port policy in 200 years). Thomas B.Allen. illus Sea Power 25:32-38 Jul '82

COMMERCE DEPT

Congress concerned over transfer of DOE's nuclear programs to commerce. Benjamin F. Schemmer. Armed Forces J Intl 119:12+ Feb '82

Washington tries to clamp down with high-tech export controls. Ehud Yonay. illus Def Elect 14:76-78+ Sep '82

COMMISSARIESAir Force--U.S.

Commissaries serve the families. LtCol Jules E.Dubois. tabs illus AF Mag 65:40-43 Aug '82

Where the price is always right. SSgt Mike Hawkins. illus Airman 26:15-20 Jan '82

Armed Forces--U.S.

AF store surcharges going up. Allen E.Carrier. AF Times 43:2 Oct 25 '82

Building a brighter future with new commissary construction. Alan Goldstein. illus tabs Interservice 2:14-16+ Fall '82

Keys to successful photo sales at military exchanges. Jack A.Robinson. illus tabs Interservice 2:95+ Fall '82

Marketing and merchandising to the Black military patron. Lafayette Jones. illus tabs Interservice 2:27-30+ Winter '82

COMMISSARIES - ContinuedArmed Forces--U.S. - Cont'd

Serving the military patron through consumer education. Janet Wood. Interservice 2:78+ Fall '82

Surcharge plan: Slight price boost. Allen E. Carrier. AF Times 42:3 May 24 '82

Statistics

1981 worldwide (commissary store) sales \$10 billion. Tables only. Interservice 2:59-62+ Winter '82

Army--U.S.

Commissary. illus Soldiers 37:14-15 Jan '82

Comstore fraud investigated in Europe. AF Times 43:15 Sep 20 '82

United States

ALA statements of policy. Interservice 2:78+ Spring '82

A fresh approach to meat marketing in the military. David H. Stroud. tabs Interservice pt 1, 2:23-26+ Spring '82; pt 2, Boxed beef offers unique solutions to military commissary system. 2:45-48+ Summer '82; pt 3, Helping patrons overcome mysteries at the meat counter. 2:60+ Fall '82

Electronic scanning: The potential for management information. Eugene E. Gerke. tab Interservice 2:39-46 Spring '82

The military resale system: Its past . . . its present . . . does it have a future? Rep Dan Daniel. Interservice 2:12-14+ Spring '82

COMMON MARKET see European Economic Community

COMMUNICATIONS (GENERAL)

Augustine's laws and major system development programs. Norman R. Augustine. illus tabs Concepts 5:64-90 Winter '82

The captain's role in reenlistment. CAPT Robert C. Gillette, Ret. illus US Nav Inst Proc 108:69-72 Feb '82

Commander-employee communications. TIG Brief 34:15 Dec 20 '82

Communication--key to an effective Commandant of Cadets and Cadet Corps Commander relationship. 2dLt Jim H. Crumacker. illus Educ J 24:48-50 AY '82/'83

Communications space systems. I. Mason-Smith. tabs illus NATO's Fifteen Nations 27:34-39 Apr-May '82

Don't frustrate, communicate! Col Ernest D. Strait. TIG Brief 34:2 Sep 27 '82

The only substitute for communication is communication! TIG Brief 34:15 Jan 22 '82

COMMUNICATIONS (GENERAL) - Continued

Safety week means communicating. TAC Attack 22:4-5 May '82

Technology, communications and you. (Address, Northeast Region's Postal Forum, Hartford) VADM Jon L. Boyes, Ret. Signal 36:47-49 Jan '82

COMMUNICATIONS, MILITARYSee also

Liaison
Radio Communications

Battlefield communications. Richard Bartz. illus NATO's Fifteen Nations 27:49-50+ Aug-Sep '82

C³I: Essential to preparedness. illus Signal 36:17+ May-Jun '82

Combat communications within the corps. Mendy Erad. illus Armada Intl (Special Issue 1) 6:42-48 May-Jun '82

Command-and-control communications in the RAN. Capt Richard Arundel. illus tab Pac Def Rep 8:65+ May '82

Command, control, and communications. Regular feature in some issues of Military Electronic/Countermeasures

Communicating in battle. Capt Gregory J. Premo. illus Infantry 72:12-13 Sep-Oct '82

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Communications: Key to airlift effectiveness. Col Ray G. Green, Jr. illus Airlift Ops Rev 4:22-24 Jan-Mar '82

Extremely low frequency communications for submarines. William J. Ruhe. illus Mil Tech 6:74+ Jul '82

HF communications in defense still providing the crucial links. Gowri S. Sundaram. illus Intl Def Rev 15, No. 4:409-416 '82

Improving digital telecom networks--the D/IMUX (digital time-division multiplex) terminal. Toney Warren and Scott Ledgerwood. illus Mil Elect/Countermeasures 8:34+ Jun '82

Industry looks at military exceptionally high frequency bands. Frederick L. Hofmann. illus Mil Elect/Countermeasures 8:38+ Oct '82

JTIDS marches on: Will it work in Europe? Chris Bulloch. illus Interavia 37:573 Jun '82

No corn on comm COB (Collocated Operating Base). SMSgt Gerald H. Smith. illus Air Reservist 34:12-13 Sep-Oct '82

Pigeons at war. illus Army 32:36-37 Aug '82

COMMUNICATIONS, MILITARY - Continued

Sail-by-wire safety. David Harvey. illus Def & For Aff 10:28-29 Nov '82

Secure voice requirement remains. Chris Bulloch. illus Interavia 37:576 Jun '82

Soviet communications: Bare-bones but secure. LtCol William P. Baxter, Ret. illus Army 32: 30-33 Aug '82

Tactical control of a passage of lines. LtCol Edwin P. Smith. illus Armor 91:17-19 Nov-Dec '82

War in the South Atlantic--the naval communications challenge. Capt A.R. Wood. illus Signal 37:84-86 Dec '82

Who goes there? Pardon me? NATO IFF heading for communications gap. Dan Boyle. illus Interavia 37:574-575 Jun '82

Wizard warriors (Comfy Olympics tests). SSgt Lorenzo D. Harris. illus Airman 26:8-12 Apr '82

History

'Black Jack's girls.' Karen L. Hillerich. illus Army 32:44-48 Dec '82

Security

Advanced narrowband digital voice terminal. Jack Garner and others. illus Signal 37: 7-8+ Nov '82

Communications security in Vietnam: A learning experience. Maj Peter M. Cuviello. maps Jt Persp 3:36-45 Winter '82

Electronic warfare: A key ingredient for "speechlessness." MajGen Albert N. Stubblebine III. illus Signal 36:13-17 Apr '82

Secure communications in the electronic age. illus Armada Intl (Special Issue I) 6:12+ May-Jun '82

The view from industry--Joint Tactical Information Distribution System (JTIDS). John P. Sputz. Signal 36:15-17 Mar '82

The view from the Joint Program Office--Joint Tactical Information Distribution System (JTIDS). Col Norman E. Wells. Signal 36: 11-13 Mar '82

COMMUNICATIONS EQUIPMENTSee also

Radar Equipment
Radio Equipment

Army communications for the 1990s. James E. Soos. illus Mil Elect/Countermeasures 8:50+ Jan '82

Battlefield communications. Richard Bartz. illus NATO's Fifteen Nations 27:49-50+ Aug-Sep '82

CIA boosts intelligence role using high-tech electronics. David Atlee Phillips. illus Def Elect 14:54+ Dec '82

COMMUNICATIONS EQUIPMENT - Continued

Combat communications within the corps. Mendy Erad. illus Armada Intl (Special Issue I) 6:42-48 May-Jun '82

Command-and-control communications in the RAN. Capt Richard Arundel. illus tab Pac Def Rep 8:65+ May '82

Communicating in battle. Capt Gregory J. Premo. illus Infantry 72:12-13 Sep-Oct '82

Deterioration of stored scheme materiel. TIG Brief 34:9 May 28 '82

From smoke signals to spread spectrum, military communications decides who wins the war. Irving M. Gottlieb. tabs Mil Elect/Countermeasures 8:42-47 Dec '82

The future of ATC (Air-Traffic-Control) communications. Wolf-Rudiger Lange. illus Asian Def J No.1:80-81 Jan '82

Ground-based tactical fiber optic communications systems programs. Paul Sierak and Bernard DeMarinis. illus tab Mil Elect/Countermeasures 8:25-26+ May '82

Improving digital telecom networks--the D/IMUX (digital time-division multiplex) terminal. Toney Warren and Scott Ledgerwood. illus Mil Elect/Countermeasures 8:34+ Jun '82

Meteor burst communications. Robert L. Richmond. illus Mil Elect/Countermeasures pt 1, MBC advances assist C³ objectives. 8:68-72 Aug '82; pt 2, Upgrading performance doesn't cost. 8:56-61 Sep '82

RITA (Integrated Automatic Communications Network)--a new generation communications network. Kurt Arbenz. illus Armada Intl 6:52-53 Jul-Aug '82

UHF (Ultra High-Frequency) antijam protection now--HAVE QUICK. LtCol Galen J. Rose. illus tab Signal 36:35-40 Apr '82

Exhibitions

AFCEA 82--new technologies for satcom and HF. Gowri S. Sundaram. illus Intl Def Rev 15, No.8:1073-1076 '82

BAEE 82 (British Army Equipment Exhibition)--Britain displays combat-proven army equipment. illus Intl Def Rev 15, No.8:1079-1082+ '82

Communications '82. Col Norman L. Dodd, Ret. illus Asian Def J No.7:62+ Jul '82

IDEE (International Defence Electronics Expo) '82--a good show fighting for survival. illus Intl Def Rev 15, No.7:895-904 '82

Survivability

DOD perspective and future C³I systems. Donald C. Latham. Signal 36:40-43 Aug '82

Improved survivability for automated C² systems. LtCol Glenn G. Givens, Ret. Signal 36: 31-33 Apr '82

Why the "ilities" in C³ are "survive" and "interoperate." Govt Exec 14:12+ Jun '82

COMMUNICATIONS EQUIPMENT - ContinuedTesting

Simulation, emulation and modeling in the TRI-TAC program. MajGen Robert J. Donahue. illus Signal 36:85-90+ Aug '82

COMMUNICATIONS SYSTEMSSee also

Radio Communications
Space Communications

MERCOMMS (MERchant ship COMMunications System)--wartime merchant ship communications comes of age. Edward J. Bender, Jr. Signal 36:49-51 Jul '82

SITA's (Société Internationale de Télécommunications Aeronautiques) new directions--the growth of airline telematics. Chris Bulloch. illus tab Interavia 37:703-705 Jul '82

Terrorism, sabotage and telecommunications. Francis P. Hoeber. tab Intl Sec Rev 7:289-304 Fall '82

Europe

INMARSAT (INTERNational MARitime SATellite): Maritime communication takes on a new dimension. Chris Bulloch. illus map Interavia 37:383-385 Apr '82

United States

Communications in the 80s and the Federal Communications Commission. (Interview with FCC Chairman Mark Fowler) illus Signal 36:13+ Jan '82

Distributive processing, new computer software enhance Department of State communications system. Stuart E. Branch. Signal 36:83-86+ May-Jun '82

From smoke signals to spread spectrum, military communications decides who wins the war. Irving M. Gottlieb. tabs Mil Elect/Countermeasures 8:42-47 Dec '82

Government industry relationships--a strong partnership is a necessity. Govt Exec 14:24+ Jun '82

Health care telecommunications. Robert S. Magnant. map Signal 36:31+ Jan '82

Meteor burst communications. Kenneth G. Gray. illus tabs Signal 36:125-126+ May-Jun '82

The state of the nation's C³I. Tony Velocci. illus Natl Def 67:19-25 Oct '82

Survivability

National communications system. LtGen William J. Hilsman. Signal 36:79-82 Aug '82

COMMUNICATIONS SYSTEMS, MILITARYSee also

Automatic Digital Network
Automatic Voice Network
Command and Control
Command, Control and Communications
Defense Communications System
Space Communications
Tactical Communications
Warning Systems

AUS-CAN-what? Comdr Robert Howell. illus Signal 37:35-37 Sep '82

Army communications for the 1990s. James E. Soos. illus Mil Elect/Countermeasures 8:50+ Jan '82

Conflict in the ether: Disrupt, delay, destroy. Eric C. Ludvigsen. illus Army 32:22-24+ Jun '82

ECM-resistant information transmission systems. Joachim Reisch. illus Mil Tech 6:79-81+ Nov '82

Effective C³ communications for coastal and offshore forces. Alan Bell. illus Islamic Def Rev 7, No.2:24-28 '82

Belgium

The RITA communications system--in service with the French and Belgian armies. Robert Salvy. illus Intl Def Rev 15, No.9:1216-1218 '82

RITA (Integrated Automatic Communications Network)--a new generation communications network. Kurt Arbenz. illus Armada Intl 6:52-53 Jul-Aug '82

France

The RITA communications system--in service with the French and Belgian armies. Robert Salvy. illus Intl Def Rev 15, No.9:1216-1218 '82

RITA (Integrated Automatic Communications Network)--a new generation communications network. Kurt Arbenz. illus Armada Intl 6:52-53 Jul-Aug '82

Germany (West)

The systems approach: Aeromarine Systems Group. (Interview with Werner W. Mueller) illus Mil Tech 6:78-83 Feb '82

Tactical VHF radio communications in the German Army. LtCol Hans-Peter Krause and Dieter Roth. illus Signal 37:27-28+ Nov '82

Israel

Military electronics in Israel: Second World requirements but a Third World economy. Gowri S. Sundaram. illus Intl Def Rev 15, No.1:59-66 '82

COMMUNICATIONS SYSTEMS, MILITARY - ContinuedN A T O

Improving digital telecom networks--the D/IMUX (digital time-division multiplex) terminal. Toney Warren and Scott Ledgerwood. illus Mil Elect/Countermeasures 8:34+ Jun '82

NATO command and control. MajGen Richard C. Bowman, Ret. illus por tabs map Armed Forces J Intl 119:58+ Feb '82

Outlook for NATO communications. Larry K. Wentz and Gope D.Hingorani. map Signal 37: 53-59 Dec '82

Soviet Union

Soviet communications: Bare-bones but secure. LtCol William P.Baxter, Ret. illus Army 32: 30-33 Aug '82

United States

Bold Eagle 82. illus Sergeants 20:24-25 Mar '82

C³--technological edge for the '80s. Edgar Ulsamer. AF Mag 65:54-58 Jul '82

C³I: Essential to preparedness. illus Signal 36:17+ May-Jun '82

C-cubed modification. Maj Francis E.Sobotka. illus Combat Crew 33:16-17 Nov '82

Challenges to the DCS (Defense Communications System) from C³CM. William J.Hilsman and Alexander C.Bartko. illus J of Elect Def 5:30-32+ Oct '82

Coast Guard C³. LCDR Craig M.Nicholson. maps illus tab Signal 36:97+ May-Jun '82

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Department of Defense data network. Stephen T.Walker. illus maps tabs Signal 37:42+ Oct '82

Direct oceanic communication: The North Atlantic trial. WgComdr David F.L.Edwards. illus MAC Flyer 29:8-10 Oct '82

Evolution of teleprocessing. Charles K.Watt. tabs Concepts 5:125-140 Autumn '82

From smoke signals to spread spectrum, military communications decides who wins the war. Irving M.Gottlieb. tabs Mil Elect/Countermeasures 8:42-47 Dec '82

Ground-based tactical fiber optic communications systems programs. Paul Sierak and Bernard DeMarinis. illus tab Mil Elect/Countermeasures 8:25-26+ May '82

Improving digital telecom networks--the D/IMUX (digital time-division multiplex) terminal. Toney Warren and Scott Ledgerwood. illus Mil Elect/Countermeasures 8:34+ Jun '82

COMMUNICATIONS SYSTEMS, MILITARY - ContinuedUnited States - Cont'd

Increase in jammed word intelligibility due to training of listeners. C.W.Nixon and others. illus tab Aviation, Space & Envmt Med 53:239-244 Mar '82

Message accounting: Telephone systems control in the military environment. Bruce Koppenhoefer. illus tabs Signal 36:91-94 May-Jun '82

NAVELEX looks to future in serving the electronic needs of the fleet. illus Def Elect 14:59-62 Apr '82

COMMUNISM

Over the horizon. Regular feature in issues of Military Science & Technology

Using freedom to destroy it. (Excerpt from the Accuracy in Media's AIM Report, 1 Dec 1981) Reed Irvin. illus Officer 58:22-26 Mar '82

France

Mitterrand's thorn: The PCF (France's Communist Party). Stephen Aubin. Parameters 12: 49-54 Jun '82

Soviet Union

The future of the Soviet empire--a historical perspective. LtCol Carl W.Reddel. illus AU Rev 33:22-27 Jul-Aug '82

The ideological underpinnings of Soviet military thought. Comodoro José C.D'Odorico. AU Rev 33:40-49 Mar-Apr '82

The other side of the hill--the Western threat to the Soviet Union. Vadim Zagladin. illus NATO's Fifteen Nations 27:22-24+ Aug-Sep '82

Thailand

How Thailand copes with communist insurgency. Gen Saiyud Kerdphol. illus Pac Def Rep 8: 58+ Mar '82

COMMUNIST BLOC

Reporting of nonduty travel to Communist countries. TIG Brief 34:5 May 14 '82

COMMUNITY COLLEGE OF THE AIR FORCE

What every commander and supervisor should know about the CCAF. Col Lyle E.Darrow. TIG Brief 34:1-2 Feb 19 '82

COMMUNITY RELATIONS

Here is entered material on the relations between a base and its neighboring community.

Air Force Orientation Group. illus Sergeants 20:20-21 May '82

COMPETITION

An airlifting experience. Air Reservist 34: 8-9 Sep-Oct '82

Competition and joint venture procurement. Emanuel Kintisch. Natl Def 67:45-46+ Sep '82

Competition: Does it lower the cost to the government? Maj Robert J. Kruchten. illus Concepts 5:111-115 Spring '82

Contracting and its future in logistics. MajGen Joseph H. Connolly. AF J Log 6:2-4 Fall '82

European overview: Competition, education, taxation. Franz A.P. Frisch. illus tabs Concepts pt 1, 5:7-44 Winter '82; pt 2, Comparative investment patterns. 5:14-38 Spring '82

Evaluating the impact of quantity, rate, and competition. Larry W. Cox and Jacques S. Gansler. illus tabs Concepts 4:29-53 Autumn '81

Four plus one for CIOR (Interallied Confederation of Reserve Officers) '82. Ann Wood. illus Air Reservist 34:18-19 Sep-Oct '82

Gunsmoke (tactical air-to-surface gunnery meet, Nellis AFB, NV, 1981). SMSgt Jim Caldwell. illus tabs Airman 26:2-7 Apr '82

Increasing competition in the acquisition process. John C. McKeown. illus Concepts 5: 26-33 Summer '82

Ira C. Eaker Essay Competition. TIG Brief 34:8 Nov 15 '82

Let's rethink our relationship with Japan. John F. Smith III. Mil Elect/Countermeasures 8:32-33 Sep '82

The pick of the pics. (Winners of the AF photography contest) illus Airman 26:31-33 May '82

Professional accountability: The coming bottom line in federal procurement policy. Don Sowle. illus Govt Exec pt 1, 13:30-33 Dec '81; pt 2, Obtaining effective competition in Federal buys. 14:42+ Mar-Apr '82; pt 3, Reagan's marching order: Reform the system now. 14:24-25+ May '82

Volant Rodeo--'82. Capt Byron L. Howard. illus MAC Flyer 29:16-18 Sep '82

Wings in competition. illus Combat Crew 32: 4-7+ Apr '82

Wizard warriors (Comfy Olympics tests). SSgt Lorenzo D. Harris. illus Airman 26:8-12 Apr '82

World helicopter champions. Maj Bronislaw R. Maca. illus USA Avn Dig 28:2-8 Jan '82

COMPTROLLERS

Aces high. Regular feature in issues of Air Force Comptroller

Active comptrollership. Russell D. Hale. AF Compt 16:3-5 Apr '82

Air Force Comptroller Management Engineering Team. Regular feature in issues of Air Force Comptroller

Air Force Data Systems Design Center. Regular feature in issues of Air Force Comptroller beginning with July 1982

Air University hotline. illus AF Compt 16:39 Jan '82

Assistant Comptroller for Accounting & Finance. Regular feature in issues of Air Force Comptroller

Career management--a different perspective. William A. Snow. AF Compt 16:6-9 Jan '82

The comptroller as planner. K.J. Euske. Armed Forces Compt 27:27-30 Fall '82

Comptroller Civilian Career Management Program. Regular feature in issues of Air Force Comptroller

Comptroller Plans Group. Regular feature in issues of Air Force Comptroller

Comptroller profile. Regular feature in issues of Air Force Comptroller

Key comptroller personnel by major commands & bases. AF Compt 16:30-35 Oct '82

Officer career management. AF Compt 16:6-8 Apr '82

Palace Dollar team. Regular feature in issues of Air Force Comptroller

Reflections of: A base comptroller. LtCol James L. Laird. AF Compt 16:4-5 Oct '82

Small computers in the base comptroller. E. Ray Smith. AF Compt 16:38-39 Jul '82

Education and Training

Chief for Enlisted Matters. Regular feature in issues of Air Force Comptroller

Comptroller Plans Group. Regular feature in issues of Air Force Comptroller

EWI (Education With Industry) program--a walk through. Maj Bill D. Brogdon. AF Compt 16:8-9 Oct '82

Professional Military Comptroller School (Air University, Maxwell AFB, AL). Regular feature in issues of Air Force Comptroller

3780th Technical Training Group. Regular feature in issues of Air Force Comptroller

COMPTROLLERS - ContinuedOrganization

Comptroller organization chart--U.S. Air Force wide. illus chart AF Compt 16:20-21 Oct '82

COMPUTER GRAPHICS

Computer graphics in logistics management. Maj Samuel B.Graves. illus AF J Log 6:9-14+ Summer '82

Desk-top computer-aided system designs any digital system or component. Mil Elect/Countermeasures 8:60+ Oct '82

New system monitors White Sands missile tests. James Eckles. illus tab Air Def Mag, pp 33-34, Jul-Sep '82

Ruggedizing existing equipment results in militarized high-resolution color graphic system. Roy Larson and David Hammond, illus Mil Elect/Countermeasures 8:28+ Jul '82

COMPUTER LANGUAGES (PROGRAMMING)

Ada goes to work. James E.Fawcette. illus Def Elect 14:60-62+ Jul '82

Ada strengthens recognition through adaptability. David B.Loveman. illus Mil Elect/Countermeasures 8:54+ Oct '82

Development systems fill programming needs. Jonathan Gorrell and Gregory Plant. illus Def Elect 14:72+ Feb '82

First full-scale Ada compiler previewed. illus Def Elect 14:93 Nov '82

JOVIAL: The Air Force software solution in the years before Ada. Rick Deutsch. illus tabs Def Elect 14:85-86+ Oct '82

Mating Ada with operating systems. Mike Yoder. illus Def Elect 14:99-103 Nov '82

Military computers in transition: Standards and strategy. Louise Giovane Becker. Concepts 5:37-47 Autumn '82

Using high order languages eases software development. Christine L.Braun. illus Def Elect 14:88-90+ Sep '82

COMPUTER PROGRAMMINGSee also

Computer Languages (Programming)

Ada strengthens recognition through adaptability. David B.Loveman. illus Mil Elect/Countermeasures 8:54+ Oct '82

Computer programming. William A.Delaney. Natl Def 67:35-38 Nov '82

Computer programming--profession or pastime? William A.Delaney. Signal 37:51-54 Sep '82

(Computing takeoff data)--is it really magic? Capt Carl H.Berdahl. Combat Crew 32:16-17+ Feb '82

COMPUTER PROGRAMMING - Continued

Development systems fill programming needs. Jonathan Gorrell and Gregory Plant. illus Def Elect 14:72+ Feb '82

The evolving nature of the C³ systems acquisition process. Robert B.Doane. illus Concepts 5:177-190 Autumn '82

Industry criticizes proposed computer standard (DOD's proposed regulation 5000.5X.) Robert Johnston. Def Elect 14:22+ Sep '82

Joint Service software policy and standards. LtCol Casper H.Klucas and others. Concepts 5:191-201 Autumn '82

Lessons learned: Computer program documentation. TIG Brief 34:7 Sep 27 '82

A management technique for software acquisition. Maj Howard W.Wendt and Michael W. Evans. illus Concepts 5:162-176 Autumn '82

Software and hardware reliability: There is a difference! TIG Brief 34:12 Jul 23 '82

Software needs top-down management. David R. Brown, Jr. illus Concepts 5:202-218 Autumn '82

Software quality assurance. James A.Dobbins and Robert D.Buck. illus tabs Concepts 5:108-118 Autumn '82

A software quality framework. Emanuel R. Baker and Matthew J.Fisher. illus Concepts 5:95-107 Autumn '82

Software logistics: A sleeping giant. Paul J. McIlvaine. illus Concepts 5:155-161 Autumn '82

Software safety management. David A.Davis and Nancy G.Leveson. Concepts 5:148-154 Autumn '82

Suggestions for DOD management of computer software. AIA/EIA (Aerospace Industries Association/Electronic Industries Association) White Paper. Concepts 5:48-72 Autumn '82

Test software development. TIG Brief 34:15 Apr 16 '82

Today's risks in software development--can they be significantly reduced? MajGen Jerry Max Bunyard and James Mike Coward. tabs illus Signal 37:18+ Oct '82; Concepts 5:73-94 Autumn '82

COMPUTERS

Are biochips the new wave? Jim Bussert. illus Mil Elect/Countermeasures 8:27-28+ Jun '82

The bachelor and the computer. MajGen O.F. Peatross, Ret. illus MarCor Gaz 66:16-18 Dec '82

Beware of minicomputer purchases. TIG Brief 34:21 Oct 25 '82

Computer graphics in logistics management. Maj Samuel B.Graves. illus AF J Log 6:9-14+ Summer '82

COMPUTERS - Continued

Computer Science. Regular feature in some issues of Military Electronic/Countermeasures

Consumer electronics: Hi-tech/hi-ticket selling. Mike Michels. illus Interservice 2:49-50+ Fall '82

Home computers: Here today, here tomorrow. SP5 Bill Branley. illus Soldiers 37:24-26 Sep '82

Industry news. Regular feature in issues of Defense Electronics

Is there a minicomputer in your future? LtCol Phillip A. Meserve. AF Compt 16:36-37+ Jul '82

Microprocessor architecture looks ahead to future EW needs. Jim Martin. illus Mil Elect/Countermeasures 8:17-22 Aug '82

New directions in ADP (Automatic Data Processing) acquisition--an Air Force perspective. Col Donald W. Sawyer, Jr. illus Signal 36:37-39 Jul '82

Ruggedizing existing equipment results in militarized high-resolution color graphic system. Roy Larson and David Hammond. illus Mil Elect/Countermeasures 8:28+ Jul '82

Software: A product in pursuit of legal protection. Harrison E. McCandlish and Gary M. Hoffmann. Signal 36:44-48 Jul '82

Software and hardware reliability: There is a difference! TIG Brief 34:12 Jul 23 '82

Software prototyping. David B. Lovemen III. Mil Elect/Countermeasures 8:46-47 Jan '82

We have the technology. Capt Charles T. Vono. Combat Crew 32:16-17+ Jul '82

Aeronautical Applications

Airborne management systems survey. illus tab Interavia No.3:254-262 Mar '82

Bringing aerial mapping down to earth. Darrell Maddox. illus Navigator 29:25-26 Spring '82

Cockpit automation and workload reduction--too much of a good thing? Chris Bulloch. tabs Interavia No.3:263-264 Mar '82

The computer aims to please. Maj Bill Powley. TAC Attack 22:4-5 Jun '82

The computerized cockpit for the one-man crew. Mark Lambert. illus Interavia 37:608-609 Jun '82

(Computing takeoff data)--is it really magic? Capt Carl H. Berdahl. Combat Crew 32:16-17+ Feb '82

(KC)-135 onboard computer. Fuel savings and take off data, too! tabs illus Combat Crew 32:18-21 Oct '82

COMPUTERS - ContinuedAeronautical Applications - Cont'd

On-board computers save fuel and help ATC (Air Traffic Control). Chris Bulloch. illus tabs Interavia No.3:251-252 Mar '82

Television computer games: A 'new look' in performance testing. Robert S. Kennedy and others. tabs Aviation, Space & Envmt Med 53:49-53 Jan '82

We have the technology. Capt Charles T. Vono. Combat Crew 32:16-17+ Jul '82

Why Sweden wants its own fighter. Mark Lambert. illus (Also cutaway) Interavia 37:434-436 May '82

Your computer flight plan can tell you about the . . . changes in the wind. Capt Gale E. Clouse, Jr. illus MAC Flyer 29:8-11 Jun '82

Astronautical Applications
See Computers--Space Flight Applications

Business Applications

Electronic scanning: The potential for management information. Eugene E. Gerke. tab Interservice 2:39-46 Spring '82

Information processing--visions of the future (use of computers in the information age). James L. Bispo and others. illus Signal 36:13-14+ Feb '82

Characteristics

Inside the black box. Capt Gregg L. Brown. illus Navigator 29:20-24 Winter '82

Military numeric data processor and Jovial compiler join iAPX-86 family. illus Mil Elect/Countermeasures 8:50-51 Jun '82

Communication Applications

Air Force Logistics Command--bullish on data communications. Thomas L. Brown. illus maps Signal 36:49-54 Feb '82

Coast Guard C³. LCDR Craig M. Nicholson. maps illus tab Signal 36:97+ May-Jun '82

Computer graphics for command and control. Faris G. McCarty. Signal 36:61-63 Feb '82

Distributive processing, new computer software enhance Department of State communications system. Stuart E. Branch. Signal 36:83-86+ May-Jun '82

Improved survivability for automated C² systems. LtCol Glenn G. Givens, Ret. Signal 36:31-33 Apr '82

Issues and answers: RDJTF C⁴IS (Command, Control, Communications, Computer and Intelligence Systems) support. Col Thomas B. McDonald III. illus Signal 37:35-38 Nov '82

COMPUTERS - ContinuedCommunication Applications - Cont'd

Marine integrated fire and air support system. Paul Seidenman. illus Natl Def 67: 29-32+ Oct '82

Message accounting: Telephone systems control in the military environment. Bruce Koppenhoefer. illus tabs Signal 36:91-94 May-Jun '82

Packet switching for fast, reliable defense networks. Roy D. Rosner. illus maps tab Signal 36:110+ May-Jun '82

Secure communications in the electronic age. illus Armada Intl (Special Issue I) 6:12+ May-Jun '82

The systems approach: Aeromarine Systems Group. (Interview with Werner W. Mueller) illus Mil Tech 6:78-83 Feb '82

Video teleconferencing for crisis applications. Clinton W. Kelly III. illus Signal 36:27-29+ Jul '82

Design

Desk-top computer-aided system designs any digital system or component. Mil Elect/Countermeasures 8:60+ Oct '82

Development and modification of computer systems. LtCol Paul E. Hughes. AF Compt 16: 10-12 Jul '82

Survivable display terminals for the tactical nuclear environment. Clay Burdick. illus tab Mil Elect/Countermeasures 8:46-47+ Mar '82

Today's risks in software development--can they be significantly reduced? MajGen Jerry Max Bunyard and James Mike Coward. tabs illus Signal 37:18+ Oct '82; Concepts 5: 73-94 Autumn '82

Directories

Military computer and computer peripherals directory. Mil Elect/Countermeasures 8: 65-74 Jun '82

Educational Applications

Air Force generic threat simulator. illus J of Elect Def 5:43 Sep '82

Aircraft survivability through tactical simulation. Bruce S. Betschart. illus J of Elect Def 5:69+ Sep '82

Multiple integrated laser engagement system. Capt William L. Terrill. illus Air Def Mag, pp 28-29, Oct-Dec '81

A simulator for all systems. Hal Gershanoff. illus J of Elect Def 5:53-54+ Sep '82

Trends in electronic warfare trainers. H.R. Puckett. illus tab J of Elect Def 5:31-34+ Sep '82

COMPUTERS - ContinuedEnergy Conservation Applications

Air Force fuel savings. 2dLt Walter N. Thorp. illus Natl Def 67:41-42+ Dec '82

On-board computers save fuel and help ATC (Air Traffic Control). Chris Bulloch. illus tabs Interavia No.3:251-252 Mar '82

Engineering Applications

Desk-top computer-aided system designs any digital system or component. Mil Elect/Countermeasures 8:60+ Oct '82

Government Applications

Information processing--visions of the future (use of computers in the information age). James L. Bispo and others. illus Signal 36: 13-14+ Feb '82

Minding your money. SSgt Craig Pugh. illus Airman 26:22-27 Jul '82

Law Enforcement Applications

Air Force Law Enforcement Terminal System. TIG Brief 34:4 Oct 25 '82

Medical Applications

DEERS--Defense Enrollment Eligibility Reporting System. Thomas L. Griffin. map illus Signal 36:57-59 Feb '82

Health care telecommunications. Robert S. Magnant. map Signal 36:31+ Jan '82

A practical ultrasonic plethysmograph. Vic C. Wu and others. illus tabs Aviation, Space & Envmt Med 53:375-378 Apr '82

TRIMIS (TRI-service Medical Information System)--computer service aid to patients. Paul Smith. illus AF Times 42:12 May 17 '82

Military Applications

ABIDES (Automated Budget Integrated Data Environment Systems) (HQ USAF) and CBAS (Command Budget Automated System) (MAJCOMs/SOAs). Carol Wadleigh and CMSgt Vern Lucas. Ret. AF Compt 16:22-23 Jul '82

Ada strengthens recognition through adaptability. David B. Loveman. illus Mil Elect/Countermeasures 8:54+ Oct '82

Air Force Law Enforcement Terminal System. TIG Brief 34:4 Oct 25 '82

Air Force Logistics Command--bullish on data communications. Thomas L. Brown. illus maps Signal 36:49-54 Feb '82

Aircraft/bomb compatibility. TIG Brief 34:7 Apr 16 '82

COMPUTERS - ContinuedMilitary Applications - Cont'd

- Aircraft survivability through tactical simulation. Bruce S. Betschart. illus J of Elect Def 5:69+ Sep '82
- All the chips at sea (how computers have revolutionized the U.S. Navy). Mark Reardon. illus Sea Power 25:24-30 Jul '82
- The Army joins the computer revolution. William Bogie. illus Natl Def 67:48-50 Jul-Aug '82
- The Army's map makers. Capt Tom Williams. illus Soldiers 37:44-47 Aug '82
- Artillery fire control systems. Federico G.C. Landaburu. illus Mil Tech 6:61-62+ Nov '82
- Base level data automation--a new dawning! Col Stephen M. Hunt. AF Compt 16:6-8 Jul '82
- Battery + integer programming = transportation. Capt John M. House. illus Fld Arty J 50:58-60 Jan-Feb '82
- Best kept secrets (the AF Weapons Lab, Kirtland AFB, NM). Maj Anthony Lynn Batezel. illus Airman 26:43-48 Apr '82
- C³I: Essential to preparedness. illus Signal 36:17+ May-Jun '82
- Computer-aided engineering and architectural design. Janet Spoonamore and others. illus tabs Mil Engr 74:140-147 Apr '82
- Computer graphics for command and control. Faris G. McCarty. Signal 36:61-63 Feb '82
- Computer modeling spur to logistics budget. John Ginovsky. AF Times 42:22 Mar 1 '82
- Computer Resource Managers. Regular feature in issues of Air Force Comptroller
- Computer technology in command-and-control. illus Pac Def Rep 8:64 Mar '82
- Computers: Our aging workhorses. LCDR James S. Bristow. US Nav Inst Proc 108:55-60 Aug '82
- DOD policy for acquisition of embedded computer resources. H. Mark Grove. illus tabs Concepts 5:9-36 Autumn '82
- Defense computers and software--what's ahead for AI (Artificial Intelligence)? Earl C. Joseph. Concepts 5:141-147 Autumn '82
- Development and modification of computer systems. LtCol Paul E. Hughes. AF Compt 16:10-12 Jul '82
- Directorate of Computer Resources. Regular feature in issues of Air Force Comptroller
- Division level data entry device. Graham H. Seibert. illus Army Log 14:17-19 May-Jun '82

COMPUTERS - ContinuedMilitary Applications - Cont'd

- Do we really know how good our tank crews are? LtCol David C. Holliday, Ret. illus Armor 91:19-22 May-Jun '82
- Economic analysis in the military communications/electronics environment. Thomas P. Frazier and Francis J. Henry, Jr. illus tabs Signal 37:27-33 Sep '82
- The environmental technical information system. Ronald D. Webster. tabs Mil Engr 74:174-177 Apr '82
- The Ferranti Falcon tank fire-control system. Mark Hewish. illus tabs Intl Def Rev 15, No.3:332-334 '82
- Field artillery computers. Ian V. Hogg. illus NATO's Fifteen Nations 27:56+ Aug-Sep '82
- First full-scale Ada compiler previewed. illus Def Elect 14:93 Nov '82
- Funds control in the systems acquisition arena. J. Walter Epply III. AF Compt 16:29-31 Jan '82
- Future combat ships require redesigned systems: Current outmoded ship designs are unlikely to survive future conflicts. Julian Lake. illus (Also cutaway) Def Elect 14:77-78+ Apr '82
- Improvements in the manual solution of the 6400-mil met/gunnery problem. SSgt David M. Johnson. illus Fld Arty J 50:26-29 Jan-Feb '82
- Improving the combat direction system acquisition cycle. LCDR Marvin J. Langston. Concepts 5:119-124 Autumn '82
- Industry criticizes proposed computer standard (DOD's proposed regulation 5000.5X.) Robert Johnston. Def Elect 14:22+ Sep '82
- Information as a weapon--some thoughts on the problem of military C³. LtCol N. Müller. Intl Def Rev 15, No.4:418 '82
- Integrated maintenance information system: An imaginary preview. Robert C. Johnson. AF J Log 6:15-17 Summer '82
- Joint Deployment Agency: A deployment broker. illus Airlift Ops Rev 4:8-11 Apr-Jun '82
- Ku-band digitally tuned oscillator will soon be available for systems designers. Cuong M. Pham and others. illus tabs Def Elect 14:46+ Feb '82
- Listen when Arnie (ARN-101 system) speaks. Maj Bob French. tab illus USAF Ftr Wpns Rev, pp 9-12, Summer '82
- Load planning, rapid mobilization and the computer. Capt Walter F. Huebner. illus AF J Log 6:22-24 Winter '82
- 'MAINS'--the latest minehunting system. Simon Durwen. illus Asian Def J No.3:36+ Mar '82
- MCS: The Maneuver Control System. Col Alan B. Salisbury. illus Signal 36:35-39 Mar '82

COMPUTERS - ContinuedMilitary Applications - Cont'd

Meeting the challenge . . . reprogrammable tactical air EW systems support. R.E.Smiley and J.E.Caruthers. illus J of Elect Def 5: 91-92+ Oct '82

Militarized array processor builds on commercial design experience. John Swenson. illus Mil Elect/Countermeasures 8:34-37 Sep '82

Military computers in transition: Standards and strategy. Louise Giovane Becker. Concepts 5:37-47 Autumn '82

Military numeric data processor and Jovial compiler join IAPX-86 family. illus Mil Elect/Countermeasures 8:50-51 Jun '82

Navy combat effectiveness multiplies with systems integration. Robert L.Wendt. illus Def Elect 14:65-67 Apr '82

New system monitors White Sands missile tests. James Eckles. illus tab Air Def Mag, pp 33-34, Jul-Sep '82

OSIS (Ocean Surveillance Information System) extends intelligence coverage beyond radar horizon. VADM Samuel L.Gravely, Jr., Ret. illus map Def Elect 14:69-70+ Apr '82

PAVER: The pavement maintenance management system. M.Y.Shahin. illus tabs Mil Engr 74:151-155 Apr '82

Pac-man meets GI Joe? Tom Kiddoo. illus Soldiers 37:20-23 Sep '82

Phase IV program (Air Force-wide program to replace obsolete base level computer systems with state-of-the-art technology). BrigGen Avon C.James. illus tabs AF Compt 16:3-5+ Jul '82

Processor extensions improve missile computer design. Richard T.Davis. illus Def Elect 14:72+ Jun '82

Radar on the battlefield. Stefan Geisenheyner. illus Asian Def J No.4:66-68+ '82

Rhino brain transplant (F-4 now modified with the Digital Target Intercept Computer (LRU-1)). Capt Tom Graves. illus USAF Ftr Wpns Rev, p 13+, Summer '82

The role of decision support systems in command and control. H.Bennett Teates. illus Signal 37:45-49 Sep '82

Ruggedizing existing equipment results in militarized high-resolution color graphic system. Roy Larson and David Hammond. illus Mil Elect/Countermeasures 8:28+ Jul '82

Small computers in the Army: An apple a day to keep the Soviets away. William P.Schneider. illus tab Signal 36:39-43 Feb '82

Small computers in the base comptroller. E.Ray Smith. AF Compt 16:38-39 Jul '82

Some software implications of C² system acquisition. Alan J.Roberts. tabs illus Signal 36:19-25 Jul '82

COMPUTERS - ContinuedMilitary Applications - Cont'd

The TI-59 as a tool in fire support coordination. SSgt David M.Johnson. illus tab Fld Arty J 50:23-25 Jul-Aug '82

Tactical intelligence breaks the computer barrier. Horace J.Towler. illus Def Elect 14:51-52+ Jan '82

They're only human: Decision-makers in command and control. Stephen J.Andriole and Gerald W.Hopple. illus Signal 36:45-49 Mar '82

Today's risks in software development--can they be significantly reduced? MajGen Jerry Max Bunyard and James Mike Coward. tabs illus Signal 37:18+ Oct '82; Concepts 5: 73-94 Autumn '82

Update: Computer set, field artillery, general and missile. Capt William H.Coke and Donald J.Giuliano. illus Fld Arty J 50:20-23 Mar-Apr '82

Video marches on. SP5 Bill Branley. illus Soldiers 37:36-37 Jun '82

WWMCCS: Why the goal is to become more robust. illus Govt Exec 14:19-20+ Jun '82

Weighing 5000.5X: Proposed computer standards create a storm of controversy. James E.Fawcette. tabs illus Def Elect 14:85-86+ Nov '82

Yes sir! General machine, sir! LtCol Frederick W.Timmerman, Jr. illus Army 32:30-33 Jan '82

Directories

Military computer and computer peripherals directory. Mil Elect/Countermeasures 8: 65-74 Jun '82

Navigational Applications

ARNIE (AN/ARN-101 Digital Modular Avionics System)--the WSO's friend. Capt Randall R. Schmidt. Navigator 29:18-19 Winter '82

Inside the black box. Capt Gregg L.Brown. illus Navigator 29:20-24 Winter '82

'MAINS'--the latest minehunting system. Simon Durwen. illus Asian Def J No.3:36+ Mar '82

Personnel Applications

Manpower models as tools of military planning. Murray W.Rowe. illus Def Mgt J 18:20-25 Fourth Quarter '82

Security Measures

Air Force computer security program. TIG Brief 34:19 Nov 29 '82

Computer abuse: How the data processing installation manager can reduce it. TIG Brief 34:11-12 May 28 '82

COMPUTERS - ContinuedSecurity Measures - Cont'd

Data processing installations: Potential for fraud, waste, and abuse. TIG Brief 34:10 Jan 22 '82

Is computer crime a threat to our computer resource? Maj Tracy R. Bair. Jt Persp 3: 78-87 Winter '82

Remote terminal physical security. TIG Brief 34:20 Sep 27 '82

Simulation Programs

An advanced combat training system using laser simulation. John M. Keating and Rudolph R. Gammarrino. illus Natl Def 66: 31-32+ May-Jun '82

Computer-generated images for simulators: The cost of technology. George C. Larson. illus AF Mag 65:54-59 Feb '82

DOD utilization of simulation techniques. Charles K. Watt. illus Signal 36:94-99 Aug '82

Ground-bound Galaxys. (Flight simulators train C5A crews at Altus AFB, OK) LtCol Garry Mitchelmore. illus Airman 26:36-41 May '82

KOMPASS--a computer-based war game. J.P. Marty illus map tabs Intl Def Rev 15, No.4:417-420 '82

Video marches on. SP5 Bill Branley. illus Soldiers 37:36-37 Jun '82

Space Flight Applications

One step forward--three steps backup: Computing in the U.S. space program. Patrick Stakem. illus tab Mil Elect/Countermeasures pt 1, 7:65-69 Dec '81; pt 2, 8:70+ Jan '82

Transportation Applications

Achieving transportation productivity through computer related applications. Raymond J. Michel. illus Def Trans J 38:31-33 Dec '82

Computerized traffic distribution record. Maj Ronald T. Worthington. Translog 13:12 Sep '82

CONAWAY, John B.

Air National Guard. por illus tabs AF Mag 65: 148-150 May '82

The total force--'the best back-up Air Force in the world.' MajGen John B. Conaway. por illus AF Mag 65:44-45 Oct '82

CONDUCT, MILITARY

See also
Americans in Foreign Countries
Standards of Conduct

Appeal in disrespect case overturned. AF Times 42:10 Feb 15 '82

CONFERENCES, AERONAUTICAL

The CAAA (Commuter Airline Association of America) is dead, long live RAA (Regional Airline Association). Bron Rek. illus Interavia 37:24+ Jan '82

CONFERENCES, COMMUNICATION

AFCEA 36th annual convention and exhibition. Noel Layne Allen. illus Mil Tech 6:104+ Oct '82

AFCEA's third Western Conference & Exposition (Anaheim, CA, Jan 12-14, 1982). illus Signal 36:66-74 Feb '82

Third AFCEA/NATO symposium: NATO C -- requirements and realism (Brussels, Belgium, Oct 27-29, 1982). illus Signal 37:73+ Dec '82

CONFERENCES, MILITARY

AFSA (Air Force Sergeants Assoc) 1982 Convention highlights. illus Sergeants 21: 18-25 Nov '82

(AFSA) annual report--1982. illus tabs Sergeants 20:15-18+ Aug '82

Armor conference--1982. MajGen Louis C. Wagner, Jr. Armor 91:31-38 Jul-Aug '82

Conference on national strategic mobility. Def Trans J 38:29-33 Jun '82

Getting the message across (Cairo Military Exhibition and Conference on Strategic Directions). illus Def & For Aff 9:14-15+ Nov '81

Highlights of the Defense Construction Mobilization Conference. (National Defense University, November 23-24, 1981, Fort McNair, Washington, DC) illus Mil Engr 74: 34-37 Jan-Feb '82

1981 U.S. Army Aviation Training Symposium/policy committee meeting. Maj Kirk M. Knight and Robert L. Ledbetter. USA Avn Dig 28: 22-24 Apr '82

The 1982 A.D.P.A. annual meeting (64th, Washington, Apr 1982). illus Natl Def 67: 66-72 Jul-Aug '82

Puerto Rico lives up to advance billing (ROA National Convention, San Juan, PR, Jun 1982). illus Officer 58:24-29 Aug '82

The RINA (Royal Institution of Naval Architects) symposium on small fast warships and security vessels. Christopher Dawson. tab illus Intl Def Rev 15, No.7:937-940 '82

Report on the (MajGen John H.) Russell conference (May 11-14, 1982, Quantico, VA). MarCor Gaz 66:47 Aug '82

Space war, terrorism topics before (ROA's National) Council. illus Officer 58:25-29 Apr '82

Will, determination to make us strong again. (Excerpts from address, Reserve Officers Assoc, Mid-Winter Conference, Washington, 1982) George P.A. Forschler. illus Officer 58:16-18 Apr '82

CONFIGURATION MANAGEMENT

A management technique for software acquisition. Maj Howard W. Wendt and Michael W. Evans. illus Concepts 5:162-176 Autumn '82

Munitions Material Handling Equipment (MMHE). TIG Brief 34:9 Jul 9 '82

Software needs top-down management. David R. Brown, Jr. illus Concepts 5:202-218 Autumn '82

Suggestions for DOD management of computer software. AIA/EIA (Aerospace Industries Association/Electronic Industries Association) White Paper. Concepts 5:48-72 Autumn '82

CONFLICT OF INTERESTS

Conflict of interest: Rules for retirees. Kathleen A. Buck. Defense/82, pp 12-15, Jan '82

CONGRESS--U.S.See also

Laws and Legislation

Benefits gain in '81; '82 picture is cloudy. Martha L. Craver. AF Times 42:4 Jan 4 '82

The case for the CVNs (nuclear-powered aircraft carriers)--II: The debate in Congress. L. Edgar Prina. illus Sea Power 25:27-29+ Jun '82

Congress returns to consider Guard legislation, procurement. illus Natl Guard 36:6-7 Dec '82

Elections: Many House panel shifts. Martha Lynn Craver. AF Times 43:3 Nov 15 '82

From the Hill. Regular feature in issues of Military Science & Technology

Hill favoring retired pay cuts. Martha Lynn Craver. AF Times 42:4 Jan 18 '82

Hill 'nibbled away' at people programs. AF Times 42:11 Jan 11 '82

House Appropriations Defense Subcommittee: Excisers of the budget. Deborah M. Kyle. illus Armed Forces J Intl 119:14+ Jul '82

House Armed Services Committee: Defense budgeteers. Deborah M. Kyle. illus Armed Forces J Intl 119:12-14+ May '82

House Armed Services Committee: Defense power brokers. Deborah M. Kyle. illus Armed Forces J Intl 119:10+ Apr '82

House (Armed Services Investigations Subcommittee) panel awaits results of MD investigation. AF Times 42:2 Jan 18 '82

Industrial preparedness: A congressional perspective. Ronald F. Lehman. Def Mgt J 18: 7-13 First Quarter '82

Is it finally time for "sunset"? Bernard T. Pitsvada and Frank D. Draper. Armed Forces Compt 27:9-13 Fall '82

Lack of pact delays Ras Banas buildup. AF Times 42:12 Jan 18 '82

CONGRESS--U.S. - Continued

National defense and the congressional role. CAPT Brent Baker. tabs Nav War Col Rev 35: 4-15 Jul-Aug '82

The once and future Congress: Final action on FY 1982, and an advance look at FY 1983. L. Edgar Prina. illus Sea Power 25:17-23 Jan '82

A program to reduce America's materials vulnerability: President, Congress join forces to close minerals deficit. John T. Correll. illus tab map Sea Power 25:55+ Jun '82

Saudi AWACS: The oppositions view. illus Asian Def J No. 1:47-48 Jan '82

Senate Appropriations Defense Subcommittee: Defense budget brokers. Deborah M. Kyle. illus Armed Forces J Intl 119:10+ Jun '82

Senate Armed Services Committee: Defense overseers. Deborah M. Kyle. illus Armed Forces J Intl 119:10+ Mar '82

Senate staffers in Korea hit housing, life quality. AF Times 42:7 Jan 25 '82

The special interest state. Randy Huwa. Parameters 12:35-43 Sep '82

A 22-year battle: Federal Tort Claims (Public Law 97-124) finally provided to the Guard. illus Natl Guard 36:18-19 Feb '82

The week in Congress. Regular feature in some issues of Air Force Times

CONGRESSIONAL MEDAL OF HONOR see Medal of HonorCONNELLY, William A.

'Marching orders' for NCOs--keep up with change in '80s. SMA William A. Connelly. illus Army 32:26-30 Oct '82

CONNOLLY, Joseph H.

Contracting and its future in logistics. MajGen Joseph H. Connolly. AF J Log 6:2-4 Fall '82

CONSTITUTIONUnited States

The freedom papers (the Constitution of the United States and the Bill of Rights). Karen E. Thuermer. illus Sergeants 20:18-21 Jul '82

CONSTRUCTION see Building and ConstructionCONSULTANTS

Caveat emptor. Norman R. Augustine. tab Mil Elect/Countermeasures 8:66-68 Dec '82

(Former CIA director William) Colby on think tanks. Interview. illus por Def & For Aff 10:11-12 Mar '82

How management consultation is improving Air Force productivity. Sandra S. Rittenhouse and LtCol David A. Wilkerson. illus Def Mgt J 18:9-13 Fourth Quarter '82

CONSUMERS

Generics: Are they right for the military?
George Wilcox. Interservice 2:53-58
Winter '82

Patron demographics 1982. Thayer C. Taylor.
tabs Interservice 2:15-17+ Summer '82

Serving the military patron through consumer
education. Janet Wood. Interservice 2:78+
Fall '82

CONTAINER SHIPS see Ships, Transport

CONTAINERS

Containerized ammunition--ready or not? Maj
William P. Martinous. illus Army Log 14:18-21
Mar-Apr '82

LCC (Leadless Chip Carrier) advantages prom-
ise many electronic applications. Jeffrey
Wilkinson. illus tabs Def Elect 14:65-68+
Feb '82

Negotiating packaging costs. TIG Brief 34:10
Oct 25 '82

Where are the slide packs going? TIG Brief
34:8 Mar 5 '82

Testing

A path in the container maze. Frank A.
Galluzzo. illus Translog 13:19-20 Oct '82

CONTINENTAL AIR DEFENSE COMMAND see North
American Aerospace Defense Command

CONTRACTED SERVICES

A-76: Back to basics. George Daoust. Govt
Exec 14:31-32 Sep '82

ALA statements of policy. Interservice 2:78+
Spring '82

The benefits of going commercial. James A.
Hawkins and James S. Moser. Govt Exec 14:8-9
Feb '82

CM (Construction Management) and government
contracting out: PBCS (Parsons Brincker-
hoff Construction Services) and ILC (In-
dustry Liaison Committee) air both sides.
illus Mil Engr 74:372-374 Sep-Oct '82

Comment on A-76 cost comparisons: Two-plus-
two never equals four. Govt Exec 14:6+
Jul '82

Contracting and its future in logistics.
MajGen Joseph H. Connolly. AF J Log 6:2-4
Fall '82

Contracting out for services: Will Congress
heed facts or stay with current mythology?
James Montgomery. illus Govt Exec 14:42-46
Oct '82

European workload program. TIG Brief 34:7
Mar 5 '82

Management support service contracts: Clear
potential for fraud. TIG Brief 34:4 Nov 15
'82

The military resale system: Its past . . .
its present . . . does it have a future?
Rep Dan Daniel. Interservice 2:12-14+
Spring '82

CONTRACTED SERVICES - Continued

Naval support ships: The case for civilian
manning. David A. Leff and Thomas W. Scoville.
Def Mgt J 18:36-42 Third Quarter '82

(OMB Circular) A-76: Moratorium or requiem?
George A. Daoust, Jr. Govt Exec 14:34-35
May '82

A political issue: Government competing with
the private sector. Earle C. Williams. illus
Govt Exec pt 1, 14:36+ May '82

Precious metals: Losses we cannot afford.
LtCol Larry J. Goar. tabs AF J Log 6:8-13+
Fall '82

Putting brain behind muscle (defense and
strategic think tanks). Jacquelyn S. Porth.
Def & For Aff 10:8-10+ Mar '82

The rice paddy depot (Kimhae, Korea). SSgt
Craig Pugh. illus Airman 26:28-34 Feb '82

Small business: In MTMC it's big business!
LtCol Jack Hudson. illus Translog 13:2-3
May '82

When the customer is the competition . . .?
Edward J. Shockley. illus Govt Exec 14:47-48
Oct '82

Why the White House means business on the
A-76 business. Edwin Harper. Govt Exec
14:42-44 Jun '82

CONTRACTS, GOVERNMENT

Defense industry news. Regular feature in
issues of International Defense Review

Major defense contracts--value over \$1
million. Regular feature in issues of
International Defense Review

Europe

European workload program. TIG Brief 34:7
Mar 5 '82

Europe, Western

European overview: Competition, education,
taxation. Franz A. P. Frisch. illus tabs
Concepts pt 1, 5:7-44 Winter '82; pt 2,
Comparative investment patterns. 5:14-38
Spring '82

United States

Administrator, Office of Federal Procurement
Policy. Interview. Donald E. Sowle. illus
Mil Elect/Countermeasures 8:10+ Mar '82

An after-look at history (shipbuilding con-
troversies). Edward Hidalgo. illus Sea
Power 25:42+ Apr '82

The associate contractor strategy for systems
acquisition. LtCol William F. Moore. Def
Mgt J 18:34-40 Second Quarter '82

Assuring DOD's fuel supply. William J.
Sharkey, Jr. Defense/82, pp 18-21+, Mar '82

The benefits of going commercial. James A.
Hawkins and James S. Moser. Govt Exec 14:8-9
Feb '82

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

CH-47 modernization program: On schedule and within budget. Geoff Sutton. illus tabs Def Mgt J 18:26-33 Second Quarter '82

Competition and joint venture procurement. Emanuel Kintisch. Natl Def 67:45-46+ Sep '82

Concepts of Federal procurement: The award fee approach. Raymond G.Hunt. bibliog Def Mgt J 18:8-17 Second Quarter '82

Conducting an A-76 cost comparison for ADP services. John Dineen. Govt Exec 14:15+ Aug '82

Contract administration as part of the ILS (Integrated Logistics Support) team. Richard B.Reeves. illus Log Spectrum 16:39-47 Summer '82

Contracting and its future in logistics. MajGen Joseph H.Connolly. AF J Log 6:2-4 Fall '82

Contractor incentives to improve reliability and support. John P.Solomond. tabs Concepts 5:130-147 Summer '82

Contractor wartime contingency requirements. TIG Brief 34:13 Apr 16 '82

Controlling Federal spending. Randy L.Briggs. tab Def Mgt J 18:41-43 Second Quarter '82

DOD-college contract ties hit. AF Times 43:6 Nov 8 '82

DOD procurement policy: The effect on aerospace financial risk. Col James R.Woody. Def Mgt J 18:22-27 Third Quarter '82

Depreciation policy reform and the defense industrial base. Maj Richard J.Wall. tab Def Mgt J 18:28-35 Third Quarter '82

Design-to-cost and the DOD acquisition improvement program. Maj Raymond H.Barley. tabs Concepts 5:96-111 Summer '82

Determining the appropriate contract type. CDR Frank T.Meneely. illus tab Concepts 5:44-49 Summer '82

Enhanced multiyear procurement for improving weapon systems acquisition. Abraham Singer and Col G.Dana Brabson. tabs Concepts 5:112-129 Summer '82

European overview: Competition, education, taxation. Franz A.P.Frisch. illus tabs Concepts pt 1, 5:7-44 Winter '82; pt 2, Comparative investment patterns. 5:14-38 Spring '82

Financing defense system programs. Franz A.P.Frisch and David D.Acker. illus tabs Concepts 4:7-28 Autumn '81

GAO wants 'open competition' for CX. AF Times 42:12 Jan 25 '82

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

General Services Administration (GSA) contract vehicle rentals. TIG Brief 34:13 Aug 6 '82

Getting government business is no secret: Research, thoroughness and responsiveness win success in pursuit of design contracts. Mark M.Price. tab Govt Exec 14:31-32+ Oct '82

Government/industry relationships: Working together eyeball to eyeball. Col Richard Bowers and R.C.Trimmell. illus Govt Exec 14:29+ May '82

Hope blossoms for speedier EW acquisition. MajGen James E.Freeze, Ret. illus por Mil Elect/Countermeasures 8:13+ Dec '82

How "second-source" contracting undercuts Carlucci-initiative goals. John Richardson. Govt Exec 14:32+ Aug '82

How they do it at the factory (Air Force Plant Representative's Office (AFPRO) can help provide a safer product). Capt Gale E. Clouse, Jr. illus TAC Attack 22:8-11 Jun '82

Improving the source selection process. Manfred J.Reinhard. Concepts 5:34-43 Summer '82

Increasing competition in the acquisition process. John C.McKeown. illus Concepts 5:26-33 Summer '82

Industrial preparedness: A congressional perspective. Ronald F.Lehman. Def Mgt J 18:7-13 First Quarter '82

The industrial substructure: Trouble at the bottom. LtCol John T.Correll, Ret. illus AF Mag 65:48-51 Jul '82

Keys to success in C³I. BrigGen Bernard L. Weiss. Signal 36:52-54 Aug '82

Major Navy weapons programs. tables only Sea Power 25:22-23 Mar '82

Management support service contracts: Clear potential for fraud. TIG Brief 34:4 Nov 15 '82

A management technique for software acquisition. Maj Howard W.Wendt and Michael W. Evans. illus Concepts 5:162-176 Autumn '82

Multiyear procurement: A current perspective. Majs Ronald H.Rasch and Jonathan L.Brearey. Concepts 5:39-53 Spring '82

Multiyear procurement in the first Reagan defense budget. Richard A.Harshman. tab Armed Forces Compt 27:25-28 Summer '82

Negotiating packaging costs. TIG Brief 34:10 Oct 25 '82

A new look at an old remedy: Multiyear contracts and defense procurement. Gen Alton D.Slay. tab Def Mgt J 18:20-25 First Quarter '82

Pressures build for DOD to buy and help sell Northrop F-5G as its business prospects look bleaker than advertised. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 120:88-89+ Sep '82

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

The priorities and allocations system: Is it DX or DO? TIG Brief 34:14 Mar 19 '82

Productivity improvement: The defense customer should stimulate, not discourage contractors. Tom Murrin. illus Govt Exec 14:47-48+ Sep '82

Ready response to a surge: New contracting techniques. George T. Nickolas. Def Mgt J 18:34-39 First Quarter '82

Rockwell awarded \$2.2-billion to begin B-1B production. Deborah G. Meyer. Armed Forces J Intl 119:26 Mar '82

Selecting programs for multiyear procurement. LtCol Kary R. Lafors. Concepts 5:54-67 Spring '82

Small business contracting with the Department of Defense. Richard Gordon. Log Spectrum 16:4-6 Fall '82

Successful strategies for netting defense contracts. Margaret M. Worthington. tab Def Mgt J 18:26-31 Fourth Quarter '82

USAF buys EF-111A trainer. Hal Gershanoff. illus J of Elect Def 5:63+ Sep '82

VHSIC: Midterm report on a dynamic circuit program. Robert M. Vanderheiden. illus tabs Def Elect 14:54+ Feb '82

What to do with government patent clauses until the lawyer arrives. Jack Saddler. Mil Elect/Countermeasures 8:48-51 Oct '82

Why the "Carlucci initiatives" aren't working. Govt Exec pt 1, 14:30+ Aug '82; pt 2, The Carlucci initiatives: Firing blanks at the wrong targets? 14:38+ Sep '82; pt 3, Implementing the Carlucci initiatives: Can the rabbit make the turtle run? 14:18+ Oct '82

CONVERSION see Equipment Conversion; Ships--Conversion

COOPERATION see International Cooperation; Interservice Cooperation

COPYRIGHT

Software: A product in pursuit of legal protection. Harrison E. McCandlish and Gary M. Hoffmann. Signal 36:44-48 Jul '82

CORPS OF ENGINEERS, ARMY see Army Corps of Engineers

CORRESPONDENCE, MILITARY

Military correspondence--a different perspective. Col Ross L. Meyer. Educ J 24:51-53 AY '82/'83

CORRESPONDENCE SCHOOLS AND COURSES

See also
Extension Course Institute

SNCOA improves course for nonresident students. Don Mace. AF Times 42:7 Jun 28 '82

The school comes to you--IPD (Institute for Professional Development). Tom Kiddoo. illus Soldiers 37:12-13 Sep '82

CORROSION

Aircraft corrosion prevention and control. TIG Brief 34:9 May 14 '82

COSMIC RAYS

Effects of space flight factors at the cellular level: Results of the Cytos experiment. Hubert Planel and others. illus tabs Aviation, Space & Envmt Med 53:370-374 Apr '82

Proliferation kinetics of Paramecium tetraurelia in balloon-borne experiments. F. Croute and others. illus tabs Aviation, Space & Envmt Med 53:531-536 Jun '82

COSMONAUTICS see Space Flight

COSMONAUTS see Astronauts

COST ACCOUNTING STANDARDS BOARD

Depreciation policy reform and the defense industrial base. Maj Richard J. Wall. tab Def Mgt J 18:28-35 Third Quarter '82

COST ANALYSIS

See also
Economic Analysis
Output Measurement

Conducting an A-76 cost comparison for ADP services. John Dineen. Govt Exec 14:15+ Aug '82

Controlling Murphy: How to budget for program risk. LtCol John D. Edgar. illus tabs Concepts 5:60-73 Summer '82

A cost growth primer. LtCol John R. Power, Jr. illus Concepts 5:93-104 Spring '82

Directorate of Cost & Management Analysis. Regular feature in issues of Air Force Comptroller

Evaluating the impact of quantity, rate, and competition. Larry W. Cox and Jacques S. Gansler. illus tabs Concepts 4:29-53 Autumn '81

Getting a handle on cost. Maj Edward L. Parkinson. illus AF Engrg & Svcs Qtr 23:20-24 Summer '82

Life cycle cost analysis: Valuable tool for program managers. TIG Brief 34:14 Jul 9 '82

COST ANALYSIS - Continued

Manpower policies, costs come under GAO scrutiny. Paul Smith. AF Times 43:4 Oct 25 '82

Professional designation cost analysis and price analysis. Roland D.Kankey. Armed Forces Compt 27:27+ Winter '82

Who is watching costs in the Air Force? Maj John S.Hoff. tabs Armed Forces Compt 27:40-43 Winter '82

COST AND STANDARD OF LIVING

Conferees agree: 4 percent retired cap. Martha Lynn Craver. AF Times 42:1+ Jun 28 '82

DOD seeks boost for FY '84 COLA--for some, \$60 more. Tom Philpott. AF Times 43:1+ Dec 6 '82

Many overseas underpaid. Paul Smith. AF Times 42:1+ Feb 15 '82

O'seas COLA hike of 20% endorsed. Tom Philpott. AF Times 42:1+ Jun 14 '82

Panel to explore 'retired' reform. Tom Philpott. tab AF Times 43:1+ Nov 22 '82

Permanent CPI-wage cap weighed. Tom Philpott. AF Times 42:1+ Jan 18 '82

Retired COL hike approved, but . . . Martha Lynn Craver. AF Times 43:1+ Aug 30 '82

Stronger dollar causes drop in COLA overseas. Tom Philpott. tab AF Times 43:28 Nov 15 '82

COST CONTROL

CH-47 modernization program: On schedule and within budget. Geoff Sutton. illus tabs Def Mgt J 18:26-33 Second Quarter '82

Defense acquisition: A game of liar's dice? Walter B.LaBerge. Concepts 5:56-63 Winter '82

Design-to-cost and the DOD acquisition improvement program. Maj Raymond H.Barley. tabs Concepts 5:96-111 Summer '82

Establishing requirements for aircrew training simulators. TIG Brief 34:4 Mar 19 '82

Implementation of the design-to-cost process. Michael R.Izzi. tabs illus Log Spectrum 16:18-25 Spring '82

Management systems for field service improvement. Donald F.Blumberg. illus tabs Log Spectrum 16:35-42 Spring '82

Navy shipboard EW quick fix. RADM A.A.Gallotta. illus tabs J of Elect Def 5:36-42+ Apr '82

Precepts for life cycle cost management. Roland D.Kankey. illus tab AF J Log 6:28-30 Winter '82

COST CONTROL - Continued

Program stability: An essential element in improved acquisition. Harold J.Schutt and David D.Acker. tab Concepts 5:148-160 Summer '82

Reliability Centered Maintenance (RCM) decision logic. Richard F.Gordon. illus Log Spectrum 16:26-29 Spring '82

Risk implications for cost growth in weapon system acquisition programs. William E. Thompson III. Concepts 5:116-128 Spring '82

COST EFFECTIVENESS

See also
Efficiency

Alternatives in provisioning computational methodology. Bernard C.Price. tabs Log Spectrum 15:14-19 Winter '81

Ammunition procurement strategy. LtCol Roy R.Willis. illus tab Army Log 14:2-5 Jan-Feb '82

Attacking logistics problems through acquisition reform. Richard D.Webster. illus tab Def Mgt J 18:2-8 Fourth Quarter '82

Augustine's laws and major system development programs. Norman R.Augustine. illus tabs Concepts 5:64-90 Winter '82

Battery war communique. Robert D.McClanahan. illus Army Log 14:26-29 Mar-Apr '82

Comment on A-76 cost comparisons: Two-plus-two never equals four. Govt Exec 14:6+ Jul '82

Computer-aided engineering and architectural design. Janet Spoonamore and others. illus tabs Mil Engr 74:140-147 Apr '82

Computer graphics in logistics management. Maj Samuel B.Graves. illus AF J Log 6:9-14+ Summer '82

Cost-effectiveness: Some thoughts on its meaning for the Royal Air Force. GpCapt D.G.Campbell. Hawk, pp 56-63, Feb '82

Department of Defense acquisition improvement program. Col G.Dana Brabson. illus tabs Concepts 4:54-75 Autumn '81

The economic evaluation of military training programs. Peter G.Sassone. illus tabs Def Mgt J 18:38-42 Fourth Quarter '82

The economics of sex integration: An update of Binkin and Bach (Women in the Military, a study by Martin Binkin and Shirley A. Bach). Anne Hoiberg and Patricia J.Thomas. tabs Def Mgt J 18:18-25 Second Quarter '82

Evaluating the impact of quantity, rate, and competition. Larry W.Cox and Jacques S. Gansler. illus tabs Concepts 4:29-53 Autumn '81

Implementation of the design-to-cost process. Michael R.Izzi. tabs illus Log Spectrum 16:18-25 Spring '82

COST EFFECTIVENESS - Continued

Just how good/bad is the defense acquisition process. Norman Augustine. tab illus Govt Exec 14:27-28+ Feb '82

Life cycle cost analysis: Valuable tool for program managers. TIG Brief 34:14 Jul 9 '82

Modification of the standard base supply system stock leveling techniques. Maj Kenneth B. Faulhaber. tabs AF J Log 6:18-21 Winter '82

P³I (Pre-Planned Product Improvement)--help in reducing weapon systems costs. LCDR Marlene M. Elkins. Concepts 5:105-110 Spring '82

PAVER: The pavement maintenance management system. M.Y. Shahin. illus tabs Mil Engr 74:151-155 Apr '82

Panel fasteners vs maintenance manhours: Minimization of life-cycle cost. James K. Seger. tabs Log Spectrum 15:28-30 Winter '81

Pavement recycling technology. E.R. Brown. illus Mil Engr 74:156-159 Apr '82

Precepts for life cycle cost management. Roland D. Kankey. illus tab AF J Log 6: 28-30 Winter '82

Today's risks in software development--can they be significantly reduced? MajGen Jerry Max Bunyard and James Mike Coward. tabs illus Signal 37:18+ Oct '82; Concepts 5: 73-94 Autumn '82

COST OF LIVING see Cost and Standard of Living

COUNSELING

Eschewing the chewing out: Performance counseling. MSgt Mike Mason. illus Soldiers 37: 47-48 Feb '82

Starting over--help when your tour's up. SSgt Victoria Mouze. illus Soldiers 37:50-52 Jun '82

COUNTERINSURGENCY

Afghanistan: The Soviet experience. James H. Hansen. illus map Natl Def 66:20-24+ Jan '82

COUNTERINTELLIGENCE

AFOSI's counterintelligence program: Tailor made. Col Richard S. Beyea, Jr. TIG Brief 34:1-2 Nov 29 '82

Disinformation: War with words. AF Mag 65:85-87 Mar '82

The real stories behind those intelligence 'failures.' Capt Ross S. Kelly. illus Army 32:10-16 Jan '82

To know or not to know: An overview of the role of intelligence. Zara Dian. illus Asian Def J No.5:49-52 May '82

COUNTERMEASURES

See also
Electronic Countermeasures

The Anglo-French Sibyl: A new counter to anti-ship missiles. Gowri S. Sundaram. illus Intl Def Rev 15, No.10:1405-1408 '82

Anti-radar missiles. Dan Boyle. illus tab Interavia 37:1194-1195 Nov '82

The application of directed energy weapons to air defence. SqLdr K.R.A. Trotter. Hawk, pp 65-72, Feb '82

3

C CM: Progress and outlook. MajGen Doyle E. Larson. Def Mgt J 18:6-10 Third Quarter '82

Countermine warfare: Deadly game of "hide and seek" using World War II technology? Deborah G. Meyer. illus Armed Forces J Intl 119: 22+ Mar '82

Defensive C³ countermeasures. Roy Jacobus. illus J of Elect Def 5:31-35 Jul '82

Obscurants: Countermeasure to modern weapons. LtCol John P. Bulger. illus Mil Rev 62:45-53 May '82

Silent sensors + human operators = hidden threats. Evan P. Rolek and Capt Michael Tutin. illus J of Elect Def 5:51-57 Feb '82

COURT OF CLAIMS

AF ordered to return \$18,000 garnishment. AF Times 42:1+ Feb 22 '82

Court of Claims abolished, duties divided. Tom Philpott. AF Times 43:12 Oct 18 '82

COURT OF MILITARY APPEALS

CMA cites duress, overturns forgery case. AF Times 42:4 Jun 28 '82

CMA expands o'seas evidence rules. AF Times 42:14 Feb 15 '82

CMA: Indictment starts right to speedy trial. AF Times 43:15 Aug 23 '82

CMA ruling: Cocaine 'habit-forming.' AF Times 43:15 Aug 16 '82

CMA ruling: If no speedy trial, dismiss charges. AF Times 43:15 Nov 8 '82

CMA: Services must honor their pretrial agreements. AF Times 42:10 Jul 19 '82

CMA warns about delays in posttrial review wait. Tom Philpott. AF Times 43:12 Sep 27 '82

CMA: You can't break a rule until it's on file. Tom Philpott. AF Times 43:10 Dec 13 '82

COs lose power to continue pretrial confinement. Don Mace. AF Times 43:6 Aug 23 '82

COURT OF MILITARY APPEALS - Continued

(Chief Judge Robinson O.) Everett: Military justice 'more hard-boiled.' Tom Philpott. AF Times 43:2 Nov 29 '82

Court (of Military Appeals) clarifies rule on trial by judge. AF Times 43:12 Sep 27 '82

Juries should weigh pretrial confinement. Tom Philpott. AF Times 43:9 Oct 11 '82

Justice Dept reviewing (2dLt Christopher M.) Cooke case. AF Times 42:2 Mar 8 '82

The law of war in the United States Court of Military Appeals. Maj Burrus M. Carnahan. AF Law Rev 22:120-136 '80/'81

Let the punishment fit the crime, not other convictions. AF Times 42:10 May 3 '82

Soldier faces death sentence. Tom Philpott. AF Times 43:1+ Dec 20 '82

COURTSUnited States

Arbitration case perils BX profits for MWR. AF Times 42:5 Jan 4 '82

Court of Claims abolished, duties divided. Tom Philpott. AF Times 43:12 Oct 18 '82

The discretionary function exception and military hospital administration. John F. McCue, Jr. AF Law Rev 22, No.1:59-80 '80/'81

High court: Can members sue superiors? Tom Philpott. AF Times 43:2 Nov 15 '82

High court declines 'orange' suit. AF Times 42:15 Jan 4 '82

Last try by union to recoup parking fees. AF Times 42:2 Jan 25 '82

(Supreme) Court to review vet lobbyists' tax status. Tom Philpott. AF Times 43:10 Oct 25 '82

(U.S. Court of Appeals) ruling threatens tax status of vet groups. Allen Carrier. AF Times 42:1+ May 3 '82

COURTS-MARTIAL

See also
Military Justice
Uniform Code of Military Justice

Break of a lifetime. (3320th Correction and Rehabilitation Sq. Lowry AFB, CO) SSgt Lorenzo D. Harris. illus Airman 26:12-17 May '82

'In absentia' trial okay--even if member is AWOL. AF Times 42:7 May 31 '82

Juries should weigh pretrial confinement. Tom Philpott. AF Times 43:9 Oct 11 '82

COURTS-MARTIAL - Continued

Let the punishment fit the crime, not other convictions. AF Times 42:10 May 3 '82

Lowry NCO convicted of sex offenses involving minors. AF Times 42:17 Apr 19 '82

101 court-martialed get second chance at Lowry (AFB, CO). Len Famiglietti. illus AF Times 42:12 Apr 5 '82

The propriety of argument by trial defense counsel for bad-conduct discharge. Capt Robert D. Higginbotham. AF Law Rev 22, No.1: 81-94 '80/'81

Soldier faces death sentence. Tom Philpott. AF Times 43:1+ Dec 20 '82

Stiffer penalties for drug use seen. Tom Philpott. AF Times 42:1+ May 17 '82

COVERDALE, Robert F.

"Always focus on the mission." Interview. por Airlift 4:2-4 Summer '82

CRAIG, Howard A.

The pioneer plan for air war. DeWitt S. Copp. AF Mag 65:74-78 Oct '82

CREDIT

Defense takes actions to reduce bankruptcies. Laurie Parker. AF Times 42:2 Jan 25 '82

CREDIT UNIONS

Defense takes actions to reduce bankruptcies. Laurie Parker. AF Times 42:2 Jan 25 '82

IRAs confusing? Here's rundown. Paul Smith. tab AF Times 42:7 Jan 18 '82

CREECH, Wilbur L.

Tactical Air Command. illus charts por AF Mag 65:108-110+ May '82

CRIMES AND MISDEMEANORS

See also
Fraud
Prisoners and Prisons

Absence conviction reversed in harassment case. Rick Maze. AF Times 43:2 Nov 22 '82

CMA cites duress, overturns forgery case. AF Times 42:4 Jun 28 '82

CMA expands o'seas evidence rules. AF Times 42:14 Feb 15 '82

CMA ruling: Cocaine 'habit-forming.' AF Times 43:15 Aug 16 '82

CMA: SPs may search on entry and exit. AF Times 43:16 Aug 2 '82

CRIMES AND MISDEMEANORS - Continued

CMA: Services must honor their pretrial agreements. AF Times 42:10 Jul 19 '82

Criminal insanity--the problem after. LtCol Franklin W. Losey. AF Law Rev 22:137-147 '80/'81

Desertions, AWOLs decline to 13-year lows in FY '81. AF Times 42:7 Feb 1 '82

Earl's pleasure palace (Correctional Custody Facility, Altus AFB, OK). LtCol Garry E. Mitchelmore. illus Airman 26:16-19 Sep '82

Forces abroad--rights, laws, protections. Walter A. Baker. illus Defense/82, pp 20-25, Jul '82

Hypnosis as a criminal investigative technique in the Department of Defense. Maj James A. Johnson, Jr. tabs AF Law Rev 22, No.1:20-58 '80/'81

'In absentia' trial okay--even if member is AWOL. AF Times 42:7 May 31 '82

Increased drug-bust aid held taxing by services. Tom Philpott. AF Times 43:7 Dec 27 '82

Investigating logistics crimes. Capt Renee L.O'Brien. tab Army Log 14:32-34 Nov-Dec '82

Is computer crime a threat to our computer resource? Maj Tracy R. Bair. Jt Persp 3: 78-87 Winter '82

The jackal reborn: The Brinks robbery and terrorism in the United States. Samuel T. Francis. Intl Sec Rev 7:98-124 Spring '82

Justice Dept reviewing (2dLt Christopher M.) Cooke case. AF Times 42:2 Mar 8 '82

Let the punishment fit the crime, not other convictions. AF Times 42:10 May 3 '82

Lowry NCO convicted of sex offenses involving minors. AF Times 42:17 Apr 19 '82

OSI study examines rape patterns. Don Mace. AF Times 43:3 Jul 26 '82

Pirates and naval officers. LCDR John N. Petrie. Nav War Col Rev 35:15-24 May-Jun '82

Reagan signs order to allow stiffer drug sentences. Tom Philpott. AF Times 43:1+ Oct 11 '82

Soldier faces death sentence. Tom Philpott. AF Times 43:1+ Dec 20 '82

Stiffer DWI measures ordered. Paul Smith. AF Times 43:1+ Dec 13 '82

Stiffer penalties for drug use seen. Tom Philpott. AF Times 42:1+ May 17 '82

Those punitively discharged may vote, Defense (Dept) clarifies. AF Times 42:10 May 3 '82

UCMJ (Uniform Code of Military Justice) bill would stiffen sentences. Martha Lynn Cra-ver. AF Times 42:3 Jul 12 '82

CRISIS MANAGEMENT

Crisis management in Denmark. Capt Jorgen F. Bork. illus map US Nav Inst Proc 108:104-109 Mar '82

Handling the non-war crisis. Col Roderick Lenahan. illus Defense/82, pp 9-12, Dec '82

Passenger traffic's CORE (Contingency Response) program. Capt Fortunato Persechini. illus Translog 13:5-6 Aug '82

Poland's crises: Impact on the Warsaw Pact. Günther Wagenlehner. illus NATO's Fifteen Nations 27:70+ Jun-Jul '82

The role of the Joint Deployment Agency. illus Translog 13:1-4 Sep '82

CROWE, William J., Jr

3 3
NATO--the status of C : C challenges in the Southern Region. ADM W.J. Crowe. tab Signal 37:17+ Dec '82

CRUISE MISSILES see Missiles

also

Missile Type--A L C M
Missile Type--G L C M
Missile Type--S L C M

CRUISERS

The Aegis program: Charges and rebuttal. Col Warren P. Baker, Ret. illus Sea Power 25: 39-40 Oct '82

CG-47: A warship for the 1990s. Stefan Geisenheyner. illus Asian Def J No.5:70-72+ May '82

Petropavlovsk and venta--another look. G. Jacobs. illus Asian Def J No.1:65+ Jan '82

CRYPTOGRAPHY

CIA boosts intelligence role using high-tech electronics. David Atlee Phillips. illus Def Elect 14:54+ Dec '82

How secret is secret? Stefan T. Possony. Def & For Aff 10:30-31 Jul '82

Secure communications in the electronic age. illus Armada Intl (Special Issue I) 6:12+ May-Jun '82

CUBAForeign RelationsCaribbean Region

Caribbean--the urgency grows. Paul Seidenman. illus Natl Def 67:20-25 Dec '82

Soviet Union

Castro and the Soviets: Pals to what end? Lynn-Darrell Bender. illus US Nav Inst Proc 108:102-103 Feb '82

Cuba: Moscow's marionette. BrigGen Joseph E. Hopkins. illus map US Nav Inst Proc 108: 58-64 Jul '82

CUBAN CRISIS, 1962

The Cuban Missile Crisis: Legacies and lessons. Robert A. Pollard. Reprinted from The Wilson Quarterly. Mil Rev 62:45-55 Dec '82

CUSTER, George A.

Dateline: Little Big Horn. Maj Clifford H. Bernath. illus Soldiers 37:48-51 Oct '82

CUSTOMER SERVICE

Management systems for field service improvement. Donald F. Blumberg. illus tabs Log Spectrum 16:35-42 Spring '82

Operation Exodus puts clamps on unorthodox exporters. Lis Hurst Lovell. Mil Elect/Countermeasures 8:60 Nov '82

A recipe to success in services . . . a philosophy. Capt Kathryn M. Wagner. AF Engrg & Svcs Qtr 23:22-23 Fall '82

Serving the military patron through consumer education. Janet Wood. Interservice 2:78+ Fall '82

CUSTOMS, MILITARY

See also
Traditions, Military

How does the DA (Department of the Army) work . . . really? Tom Kiddoo. illus Soldiers 37:28-30 Apr '82

CUSTOMS SERVICE

DOD pressed for AWACS to help in drug fight. illus AF Times 42:10 Mar 22 '82

The drug busters. Tippi Ross. illus Airman 26:18-23 Dec '82

Duty (special taxes) can cost you. SSgt Victoria Mouze. illus Soldiers 37:10-12 May '82

CYPRUS

The Greek military regime (1967-1974) and the Cyprus question--origins and goals. Constantine P. Danopoulos. tab J Pol & Mil Sociol 10:257-273 Fall '82

CZECHOSLOVAKIAForeign RelationsSoviet Union

The problem of military elite cohesion in Eastern Europe--the case of Czechoslovakia. Condoleezza Rice. AU Rev 33:64-74 Jan-Feb '82

CZECHOSLOVAKIAN CRISIS, 1968

The problem of military elite cohesion in Eastern Europe--the case of Czechoslovakia. Condoleezza Rice. AU Rev 33:64-74 Jan-Feb '82

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D A R C O M see Army Materiel Development and Readiness Command

D-Day, 1944 see Normandy Campaign, 1944

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D O P M S see Defense Officer Personnel Management System

D S A R C see Defense Systems Acquisition Review Council

D S C S see Defense Satellite Communications System

DAMAGE CONTROL

Deterioration of stored scheme materiel. TIG Brief 34:9 May 28 '82

DAMAGES see Claims

DANGEROUS MATERIALS see Hazardous Substances

DARBY, William O.

(William O.) Darby. Martin Blumenson. illus por Army 32:37-39+ Jan '82

DATA LINK see Data Transmission Systems

DATA PROCESSING SYSTEMS see Electronic Data Processing Systems

DATA TRANSMISSION SYSTEMS

Data network improves barge movements on waterways Operation and Maintenance of Navigational Installations (OMNI). illus Natl Def 67:17-18+ Oct '82

Department of Defense data network. Stephen T.Walker. illus maps tabs Signal 37:42+ Oct '82

The future of ATC (Air-Traffic-Control) communications. Wolf-Rudiger Lange. illus Asian Def J No.1:80-81 Jan '82

HF communications in defense still providing the crucial links. Gowri S.Sundaram. illus Intl Def Rev 15, No.4:409-416 '82

Local area network improves real time intelligence systems. William D.Livingston. illus Def Elect 14:68+ Dec '82

MULTOTS (Multiple Units Link Test and Operational Training System): Data link readiness through testing. Tom W.Goad. illus Mil Elect/Countermeasures 8:53-55 Mar '82

Marine integrated fire and air support system. Paul Seidenman. illus Natl Def 67: 29-32+ Oct '82

DAVIS, Bennie L.

"C³I is my highest priority item. Without survivable command and control you cannot execute your forces." Interview. Gen Bennie L.Davis. por Armed Forces J Intl 119:30+ Jun '82

The manned bomber. Gen B.L.Davis. illus por NATO's Fifteen Nations 27:38+ Feb-Mar '82

Strategic Air Command. illus charts por AF Mag 65:104-106 May '82

DEATH see Life and Death

DEBTOR AND CREDITOR

Bill collectors may recoup bad debts after separation. Leonard Famiglietti. AF Times 43:1+ Nov 22 '82

Overdue student debts--many may have pay withheld. Paul Smith. AF Times 43:1+ Dec 20 '82

DECEPTION

The offensive-passive ship. Capt Robert C. Powers. illus US Nav Inst Proc 108:46-49 Jan '82

DECEPTION IN WARFARE

Breakout (depends on deception and secrecy). Capt George C.Matoy. illus Infantry 72: 26-29 Mar-Apr '82

Surprise and deception in Soviet military thought. Jennie A.Stevens and Henry S.Marsh. illus Mil Rev pt 1, 62:2-11 Jun '82; pt 2, 62:24-35 Jul '82

The three D's of reconnaissance (Detection, Determination, and Deception). 2dLt Geofrey C.Davis. illus Armor 91:24-25 Mar-Apr '82

DECISION MAKING

See also
Economic Analysis
Problem Solving

C³CM modeling and simulation--a necessary step in defining force structure, testing, and operational employment. MajGen Gerald J.Carey, Jr, Ret and William E.Sears III. illus J of Elect Def 5:37-41+ Jul '82

DOD utilization of simulation techniques. Charles K.Watt. illus Signal 36:94-99 Aug '82

(Former CIA director William) Colby on think tanks. Interview. illus por Def & For Aff 10:11-12 Mar '82

Manpower models as tools of military planning. Murray W.Rowe. illus Def Mgt J 18:20-25 Fourth Quarter '82

Political feasibility and military decision-making. Robert M.Krone. J Pol & Mil Sociol 9:49-60 Spring '81

DECISION MAKING - Continued

Programing your own on-board computer. Robert E.Coward. TAC Attack 22:28-29 Feb '82

Reliability Centered Maintenance (RCM) decision logic. Richard F.Gordon. illus Log Spectrum 16:26-29 Spring '82

The role of decision support systems in command and control. H.Bennett Teates. illus Signal 37:45-49 Sep '82

Strategic analysis and MX deployment. Col Thomas A.Fabyanic, Ret. Adapted from chapter in National Security Issues: Choices and Limits; edited by Stephen J.Cimbala. Strat Rev 10:29-35 Fall '82

They're only human: Decision-makers in command and control. Stephen J.Andriole and Gerald W.Hopple. illus Signal 36:45-49 Mar '82

"Very grave suspicion." (Operational analysis) J.P.Wood. RUSI J for Def Studies 127:54-58 Mar '82

DECOMPRESSION

Clinical and experimental evidence for the use of hypothermia in decompression sickness. Edward H.Simmons and others. tabs Aviation, Space & Envmt Med 53:266-268 Mar '82

The pathophysiology, presentation, and triage of altitude-related decompression sickness associated with hypobaric chamber operation. Donald C.Arthur and Robert A.Margulies. illus Aviation, Space & Envmt Med 53:489-494 May '82

DECONTAMINATION (FROM GASES, CHEMICALS, ETC)

Clothing exchange and bath--a proposal. Maj William W.Southworth. illus tab Army Log 14:29-31 Sep-Oct '82

NBC defense--a German viewpoint. H.Stelzmüller. illus Intl Def Rev 15, No.11: 1571-1577 '82

DECORATIONS OF HONOR see Awards, Decorations, etcDECOYS (MILITARY)

The Anglo-French Sibyl: A new counter to anti-ship missiles. Gowri S.Sundaram. illus Intl Def Rev 15, No.10:1405-1408 '82

DEFECTIONPoland

(Polish Ambassador to the United States, Romuald) Spasowski defects. Mil Sci & Tech 2, No.1:19+ '82

DEFENSE (MILITARY SCIENCE) see Attack and Defense (Military Science)DEFENSE ATOMIC SUPPORT AGENCY see Defense Nuclear AgencyDEFENSE COMMUNICATIONS SYSTEM

Challenges to the DCS (Defense Communications System) from C³CM. William J.Hilsman and Alexander C.Bartko. illus J of Elect Def 5:30-32+ Oct '82

DEFENSE CONTRACTS see Contracts, GovernmentDEFENSE DEPTSoviet UnionOrganization

Wind of change for the Soviet high command. Robert Hutchinson. Intl Def Rev 15, No.4: 386-387 '82

United States

(ADM Hyman G.) Rickover sparks audit. AF Times 42:13 Jun 14 '82

Almanac of government transportation agencies. illus charts tabs maps Def Trans J 38:11-54 Feb '82

Assuring DOD's fuel supply. William J. Sharkey, Jr. Defense/82, pp 18-21+, Mar '82

Can the Secretary of Defense make a difference? Laurence E.Lynn, Jr and Richard I. Smith. Intl Sec 7:45-69 Summer '82

The challenge of the new era in EW--DOD/AOC '82. Gerald Green. J of Elect Def 5:52-53 Dec '82

Charges of DOD aid to Nazi criminals probed. Paul Smith. AF Times 43:2 Sep 20 '82

DOD-college contract ties hit. AF Times 43:6 Nov 8 '82

DOD denies GAO access to cost documents on B-1. Paul Smith. AF Times 42:3 May 10 '82

DOD report: War on waste saves \$4 billion. Paul Smith. AF Times 42:4 Jun 28 '82

DOD utilization of simulation techniques. Charles K.Watt. illus Signal 36:94-99 Aug '82

DOD wants clout to handle minor fraud cases. Paul Smith. AF Times 42:2 Apr 19 '82

Defense wins, can open mail. AF Times 42:12 Apr 26 '82

Department of Defense data network. Stephen T.Walker. illus maps tabs Signal 37:42+ Oct '82

Directorate for Transportation and Distribution Policy. Paul J.Hyman. illus charts Def Trans J 38:15-16 Feb '82

The hidden message of the FY '83 defense posture statements: The risks behind a nuclear arms freeze. Anthony H.Cordesman. tabs Armed Forces J Intl 119:80+ May '82

Highlights of the Defense Construction Mobilization Conference. (National Defense University, November 23-24, 1981, Fort McNair, Washington, DC) illus Mil Engr 74: 34-37 Jan-Feb '82

DEFENSE DEPT - ContinuedUnited States - Cont'd

Hypnosis as a criminal investigative technique in the Department of Defense. Maj James A. Johnson, Jr. tabs AF Law Rev 22, No.1:20-58 '80/'81

"I don't make policy. I just try to get the weapons." Interview. Richard D. DeLauer. illus Armed Forces J Intl 119:37-38+ Mar '82

Improving the management of the Defense Department. Vince Puritano. tabs Armed Forces Compt 27:12-18 Spring '82

A midterm report card: The top Pentagon management. Lester A. Fettig. illus Mil Sci & Tech 2:8-11+ '82

The necessity for understanding military logistics. Fred Gluck. illus Log Spectrum 16:13-17 Spring '82

OMB and the Pentagon: Adversaries or collaborators? Def Monitor 11, No.2: entire issue '82

Progress report from the fraud & waste front. Joseph H. Sherick. illus Defense/82, pp 20-28, Feb '82

Senate panel okays (W. Paul) Thayer as deputy defense secretary. AF Times 43:53 Dec 27 '82

Senior military rates Reagan's defense team at C+ on first year's performance. Deborah G. Meyer. tab Armed Forces J Intl 119:22-23 Apr '82

Those punitively discharged may vote, Defense (Dept) clarifies. AF Times 42:10 May 3 '82

The Weinberger-Carlucci initiatives: How are we doing? Vince Puritano. tabs Defense/82, pp 2-11, Jun '82

Directories

Facts and figures about the Department of Defense. tabs charts illus Defense/82: entire issue Sep '82

Organization

Breaking rank: Navy witnesses' backing of JCS reforms fuels support for change. Deborah M. Kyle. illus Armed Forces J Intl 119:10+ Aug '82

DOD deadline on JCS reform recommendations may delay reorganization bill. Deborah M. Kyle. Armed Forces J Intl 120:17+ Sep '82

Facts and figures about the Department of Defense. tabs charts illus Defense/82: entire issue Sep '82

Legislative revamping of the JCS: Cautious first step? Armed Forces J Intl 120:17+ Sep '82

A logistics function--DOD water 'works.' LtGen Richard H. Thompson and Capt Daniel G. Mongeon. Army Log 14:6-8 Jan-Feb '82

New chairman, (Gen John W.) Vessey, endorses JCS overhaul: Navy, Marines adamantly oppose JCS reforms most others tell Congress are long overdue. Deborah M. Kyle and Benjamin F. Schemmer. illus por Armed Forces J Intl 119:61-62+ Jun '82

DEFENSE ENROLLMENT/ELIGIBILITY REPORTING SYSTEM

DEERS--Defense Enrollment Eligibility Reporting System. Thomas L. Griffin. map illus Signal 36:57-59 Feb '82

DEERS--stitching up the loopholes. SSgt Terri Wiram. illus tab Soldiers 37:44-46 May '82

DEERS: Why defense is tying together "credit cards" and computer-communications. illus map Govt Exec 14:37-39 Jan '82

DEFENSE INTELLIGENCE AGENCY

CIA boosts intelligence role using high-tech electronics. David Atlee Phillips. illus Def Elect 14:54+ Dec '82

DEFENSE LANGUAGE INSTITUTE

Learning to speak all over again (at the Defense Language Institute Foreign Language Center). SP5 Bill Branley. illus Soldiers 37:44-46 Apr '82

DEFENSE LOGISTICS AGENCY

(Armed Forces materials support). charts Natl Def 66:35-51 Jan '82

The Defense Logistics Agency: Provisioning diversified support to the military. VADM Eugene A. Grinstead. Log Spectrum 16:11-14 Winter '82

Getting more from DLA (Defense Logistics Agency). Capt Andrew J. Ogan. AF J Log 6: 12-14 Spring '82

DEFENSE LOGISTICS STUDIES INFORMATION EXCHANGE

One of DOD's best kept secrets--the Defense Logistics Studies Information Exchange (DLSIE). Frederick A. Hamden. Log Spectrum 15:5-8 Winter '81

DEFENSE MARKETS AND MARKETING see Markets and MarketingDEFENSE NUCLEAR AGENCY

Nuclear stockpile management (Defense Nuclear Agency's role). Col Richard A. Stephans, Ret and LCDR Mahlon E. Register. illus Army Log 14:2-5 May-Jun '82

DEFENSE OFFICER PERSONNEL MANAGEMENT SYSTEM

OPMS (Officer Personnel Management System): Where is it headed? Col William G. Hanne. tabs Mil Rev 62:13-22 Nov '82

DEFENSE SATELLITE COMMUNICATIONS SYSTEM

The Air Force satellite systems. Capt Phil Lacombe. illus AF Mag 65:52-55+ Jun '82

DEFENSE SUPPLY AGENCY see Defense Logistics Agency

DEFENSE SUPPLY ASSOCIATION see American Logistics Association

DEFENSE SUPPRESSION

Air defence on the battlefield. Rudolf Walter. illus tabs NATO's Fifteen Nations 27:108+ Oct-Nov '82

The cruise missile in a conventional war environment. Maj Bruce M. Berry. illus Jt Persp 2:14-25 Spring '82

Lebanon proved effectiveness of Israeli EW innovations. illus Def Elect 14:41-42+ Oct '82

Of bears, weasels, ferrets and eagles. Col Harold E. Johnson. illus AU Rev 33:86-93 Jan-Feb '82

DEFENSE SYSTEMS ACQUISITION REVIEW COUNCIL

ADP (Automated Data Processing) acquisition strategy: Why Air Force is going for a "1.5-step" DSARC (Defense Systems Acquisition Review Council). illus Govt Exec 14:20+ Sep '82

The acquisition process: New opportunities for innovative management. David D. Acker and George R. McAleer, Jr. illus tab Concepts 5:83-95 Summer '82

DEFENSES

See also
Air Defenses
Civil Defense
Deterrence

The deadly game: Search radar versus aircraft. Edwin M. Drogin. illus Def Elect 14:56-57+ Aug '82

Foreign military developments. Regular feature in issues of National Defense beginning with January 1982

International defense digest. Regular feature in issues of International Defense Review

Argentina

Statistics

The Argentinian adventure in an Australian setting. A.W. Grazebrook. illus map tabs Pac Def Rep 8:8-12+ Jun '82

Asia

The Asian military scene in the coming decade. Clare Hollingworth. illus Def & For Aff 10:18-19+ Apr '82

Asia, Eastern

Asian land forces: 1--military situation in East Asia and Western Pacific. (Excerpted from White Paper on Defence of Japan 1981) tab maps Asian Def J No.3:13-14+ Mar '82

DEFENSES - Continued

Asia, Southeastern

ASEAN defence news. Regular feature in issues of Asian Defence Journal

Asian land forces: 2--changing strategic situation in South East Asia. P. Lewis Young. illus Asian Def J No.3:18-20+ Mar '82

Australia

Admiral (Anthony) Synnot on vital defence issues. Interview. Denis Warner. Pac Def Rep 8:22-24+ May '82

After Invincible--where next? A.W. Grazebrook. illus Pac Def Rep 9:25+ Sep '82

The alternative defence policy. Gordon Scholes. illus Pac Def Rep 8:20-23 Mar '82

The Argentinian adventure in an Australian setting. A.W. Grazebrook. illus map tabs Pac Def Rep 8:8-12+ Jun '82

The Australian armed forces--No.1: The Army. Pac Def Rep 8:207+ Dec '81/Jan '82

The Australian armed forces--No.2: RAN--1981/82. A.W. Grazebrook. illus Pac Def Rep 8:210-212+ Dec '81/Jan '82

The Australian armed forces--No.3: Busy times ahead for the RAAF. Pac Def Rep 8:213+ Dec '81/Jan '82

Australian defence in a dangerous world. D.J. Killen. Pac Def Rep 8:205-206 Dec '81

Australian defence news. Regular feature in some issues of Asian Defence Journal

Australia's retreat into isolationism. Michael O'Connor. Asian Def J No.12:75-77 Dec '82

Building up the (Australian) defence industries. Ian Viner. illus Pac Def Rep 9:9-10+ Sep '82

Defending Australia and its interests. W.B. Pritchett. Pac Def Rep 9:58-60+ Jul '82

'Don't go nuclear.' Interview. VADM (David) Leach. illus Pac Def Rep 8:22-25 Jun '82

General (P.H.) Bennett on the Army's strengths and weaknesses. T.B. Millar. Interview. illus Pac Def Rep 9:29-30+ Oct '82

Hayden's albatross--foreign affairs and defence. Geoffrey Evans. Pac Def Rep 9:9-10 Aug '82

The hidden shoals in (Australian) Labor's defence policy. A.W. Grazebrook. Pac Def Rep 8:35-36 May '82

DEFENSES - ContinuedAustralia - Cont'd

The Invincible storm and some local squalls.
Pac Def Rep 9:62-63+ Aug '82

The RAAF's role in South-East Asia. Michael Richardson. illus Pac Def Rep 9:47-48+ Oct '82

Stamping noisily and clutching at twigs (up-date of Australia's maritime defence equipment). illus Pac Def Rep 8:12-15 Feb '82

Ushering in the missile age. illus Pac Def Rep 8:35-37 Jun '82

The Utz Committee (Australian Defence Review Committee): Time and tide do not wait. A.W.Grazebrook. illus Pac Def Rep 8:36-37+ Feb '82

When only the best will do. Roy Braybrook. illus Pac Def Rep 9:17-18+ Oct '82

Why we bought Invincible. VAdm James Willis. illus Pac Def Rep 8:61-62+ Apr '82

Why we chose the F/A-18. Pac Def Rep 8:220+ Dec '81/Jan '82

Canada

The 'people problem' in Canada's defences. J.H.Beaglehole. Pac Def Rep 9:80-81 Sep '82

China (People's Republic)

China's defense modernization--of tortoise shells and tigers' tails. Paul H.B.Godwin. illus AU Rev 33:2-19 Nov-Dec '81

Denmark

The Svalbard challenge: The importance of NATO's Northern Flank. Patrick Wall. illus Sea Power 25:20+ Sep '82

Europe

The battle on the German frontier. LtCol Barry R.McCaffrey. Mil Rev 62:62-70 Mar '82

Europe, Western

Allocating resources for Western Europe's defence. David Greenwood. illus tab NATO's Fifteen Nations 27:20+ Oct-Nov '82

Arms control and security in Europe: France's role. Jacques Huntzinger. AEI For Plcy & Def Rev 4, No.1:32-35 '82

Defence and security in the European Community. Niels Haagerup. illus NATO's Fifteen Nations 27:38-40+ Aug-Sep '82

European defence news. Regular feature in issues of Asian Defence Journal

The Europeanization of NATO: A restructured commitment for the 1980s. Jeffrey Record. AU Rev 33:23-28 Sep-Oct '82

DEFENSES - ContinuedEurope, Western - Continued

A German view of arms control and east-west security. Heinz Schulte. illus maps tab Intl Def Rev 15, No.10:1369-1374+ '82

The realities of security. Henry A.Kissinger. AEI For Plcy & Def Rev 3, No.6:11-16 '81/'82

U.S. forces in Europe: Why and whether? (Adapted from address, Konrad Adenauer Stiftung, Bonn, Sep 5, 1981) Angelo M.Codevilla. Intl Sec Rev 6:465-476 Winter '81/'82

France

The course of French defense policy. Peter J. Berger. Parameters 12:19-26 Sep '82

French defense: An American appreciation. John H.Kelly. tabs AEI For Plcy & Def Rev 4, No.1:41-46 '82

French Navy to stay in Indian/Pacific Oceans. Dora Alves. Pac Def Rep 8:50+ Jun '82

French security policy--decisions and dilemmas. Edward A.Kolodziej. tab Armed Forces & Soc 8:185-221 Winter '82

Mitterand: Directions for the French military. Alex Gliksman. illus Natl Def 66: 25-28+ Jan '82

The politics of defense and foreign policy in France. Dominique Moisi. AEI For Plcy & Def Rev 4, No.1:6-8 '82

The politics of French security policy. Anton W.DePorte and Hugh De Santis. AEI For Plcy & Def Rev 4, No.1:27-31 '82

The Socialists in the French defense debate. David Yost. Armed Forces & Soc 8:334-345 Winter '82

Germany (West)

German security thinking revisited. Gina Cowen. RUSI J for Def Studies 127:33-38 Sep '82

Great Britain

British Defence White Paper: Nuclear threat the prime concern. illus Asian Def J No.9: 94 Sep '82

The elements of British security policy. Arthur Cyr. Armed Forces & Soc 8:389-404 Spring '82

(John) Nott speaks out--an interview with Britain's Secretary of State for Defence. Intl Def Rev 14, No.12:1569-1570 '81

Rebuilding the Anglo-American alliance. Benson Lee Grayson. Parameters 12:15-22 Mar '82

Stormy passage ahead--the future of the Royal Navy. Derek Wood. illus tab Intl Def Rev 14, No.12:1693-1698 '81

DEFENSES - ContinuedGreece

Focus on Greece. charts illus map Mil Tech
6:32+ Oct '82

Iceland

Bastion of the north? Icelandic security
policy. Nigel De Lee. map RUSI J for Def
Studies 126:47-53 Dec '81

India

India joins in the race for nuclear weapons.
illus Asian Def J No.2:28 Feb '82

Indian defence briefs. Regular feature in
some issues of Asian Defence Journal

India's defence perspectives and the armed
forces. Pushpinder Singh. illus Asian
Def J No.10:12-14+ Oct '82

Subcontinental security: Some perceptions.
K.Subrahmanyam. map Asian Def J No.2:
22-24+ Feb '82

Indonesia

The Indonesian Armed Forces: ABRI (Angkatan
Bersenjata Republik Indonesia)--a new
image for the '80s. Khalid Abdullah. illus
tabs Asian Def J No.5:36-38+ May '82

Israel

Military electronics in Israel: Second World
requirements but a Third World economy.
Gowri S.Sundaram. illus Intl Def Rev 15,
No.1:59-66 '82

The view from Israel. Ze'ev Schiff. illus
Pac Def Rep 8:24+ Feb '82

Italy

The Italian naval policy. Adm Angelo Monassi.
illus NATO's Fifteen Nations 27:62+ Apr-
May '82

Japan

Asia forgetting its fears of Japan. Denis
Warner. illus Pac Def Rep 8:34-35 Feb '82

The balance of forces in the East Asian-
Pacific region. Wilhelm G.Grewe. illus
NATO's Fifteen Nations 27:18-22+ Jun-Jul
'82

The elements of cooperation: Treaties,
forces, roles, & budgets. (Excerpts from
testimony before House Subcommittee on
Asian and Pacific Affairs, Mar 1, 1982)
Francis J.West, Jr. illus Defense/82,
pp 18-21, Jun '82

Japan and the future of Pacific defense.
(Testimony before House Subcommittee on
Asian and Pacific Affairs) Francis J.West,
Jr. illus Defense/82, pp 12-17, Jun '82

DEFENSES - ContinuedJapan - Cont'd

Japan begins to reorganize its defense
priorities. Jack Burton. illus Def & For
Aff 10:24-25 Jun '82

The Japanese defense debate: A growing con-
sensus. Karl W.Eikenberry. Parameters 12:
69-78 Jun '82

Japanese security policy--a time for strategy.
Hisahiko Okazaki. Intl Sec 7:188-197 Fall
'82

Old habits, new times--challenges to Japanese-
American security relations. Taketsugu
Tsurutani. Intl Sec 7:175-187 Fall '82

A Reagan "shoku" for Japan? Stephen P.Gibert.
Intl Sec Rev 6:449-464 Winter '81/'82

U.S.-Japan concern over sea lanes' defence.
illus map Asian Def J No.8:26-28 Aug '82

An unnatural defense alliance--the U.S. and
Japan. Terry D.Lantz. map Armed Forces J
Intl 120:57-58+ Oct '82

Statistics

Japan: Need to bolster defence--renewed
efforts to boost military capabilities.
tabs illus maps Asian Def J No.5:56-58+
May '82

Korea (North)

North Korean military doctrine. Yong Soon
Yim. tabs Intl Sec Rev 7:183-204 Summer
'82

Korea (South)

North Korean military doctrine. Yong Soon
Yim. tabs Intl Sec Rev 7:183-204 Summer
'82

Malaysia

Malaysia's armed forces: Better fire power,
conventional strategy. tab illus Asian
Def J No.4:18-21 '82

Taking stock of nation's defence. (Interview
with Malaysia's Deputy Defence Minister,
Abang Abu Bakar) Zara Dian and Thana
Sabaratnam. illus Asian Def J No.4:13-17
'82

Middle East

Middle East armed forces--oil wealth, oil
watch. Jay G.Walden. illus map Armada Intl
6:84-86+ Jan-Feb '82

N A T O

Assuring the security of reinforcements to
Norway. RAdm Roy Breivik. illus NATO's
Fifteen Nations Special Issue No.2:66+ '82

Ballistic missile defense and the Atlantic
Alliance. David S.Yost. Intl Sec 7:143-174
Fall '82

DEFENSES - ContinuedN A T O - Cont'd

Counterforce and alliance: The ultimate connection. Earl C. Ravenal. Intl Sec 6:26-43 Spring '82

Danger in the Maghrib: A growing threat to NATO's south? CDR Bruce L. Valley. RUSI J for Def Studies 126:62-66 Dec '81

Defence of Central Europe: The challenge of the 1980s. Gen Ferdinand Von Senger Und Etterlin. illus maps NATO's Fifteen Nations Special Issue No.2:16-18+ '81

The defence of the Northern German plain. Gen Michael Gow. illus NATO's Fifteen Nations Special Issue No.2:34-36 '81

Defense in democracies--the public dimension. Francis Pym. Intl Sec 7:40-44 Summer '82

A European option in the Indian Ocean. Christopher Coker and Heinz Schulte. illus Intl Def Rev 15, No.1:27-34 '82

The extended flank--report on Turkey. Frederick Bonnard. illus NATO's Fifteen Nations 27:36-37+ Jun-Jul '82

Inadvertent nuclear war? Escalation and NATO's Northern Flank. Barry R. Posen. map Intl Sec 7:28-54 Fall '82

Is conventional defense of Europe feasible? Robert Komer. Nav War Col Rev 35:80-91 Sep-Oct '82

The long term defence programme. Rolf Brand. illus NATO's Fifteen Nations 27:46-47+ Oct-Nov '82

Maneuver, mobile defense, and the NATO central front. John J. Mearsheimer. map Intl Sec 6:104-122 Winter '81/'82

Military issues within the Atlantic Alliance. Brig Kenneth Hunt. Nav War Col Rev 35:48-57 Sep-Oct '82

NATO: A troubled alliance. George Gibbs. illus map Asian Def J No.9:30-31+ Sep '82

NATO turns to Patriot (surface-to-air missile) power. Dennis Culkin. illus Def & For Aff 10:24+ Mar '82

NATO's new strategy: Defend forward, but strike deep. Benjamin F. Schemmer. illus tabs Armed Forces J Intl pt 1, 120:50-51+ Nov '82; pt 2, Will NATO's C³/EW/I systems let its "strike deep" strategy work? 120:68-69+ Dec '82

Neutron weapons: Solution to a surprise attack? Col Daniel Gans. illus tabs map Mil Rev pt 1, 62:19-37 Jan '82; pt 2, 62:55-73 Feb '82

The new weaponry revolution and NATO. Pierre M. Gallois. AEI For Plcy & Def Rev 4, No.1:17-23 '82

The nondebate over how Army should fight. Col T.N. Dupuy. illus Army 32:34-38+ Jun '82

DEFENSES - ContinuedN A T O - Cont'd

Northern wedding--the alliance displays its determination to maintain the flanks. Desmond Wetter. illus Sea Power 25:21-22+ Dec '82

The problem of modernizing NATO's theater nuclear force. Alex Gliksmann. illus map Natl Def pt 1, 66:20-23 Feb '82; pt 2, 66:34-38 Mar '82

Rapid reinforcement of NATO. Maj James Crumley, Jr. illus Airlift 4:16-19 Fall '82

The short cut. (NATO's Central Army Group (CENTAG)) Gen Frederick J. Kroesen. illus map NATO's Fifteen Nations Special Issue No.2:40+ '81

The Soviet operational manoeuvre group--a new challenge for NATO. C.N. Donnelly. illus Intl Def Rev 15, No.9:1177-1186 '82

The Svalbard challenge: The importance of NATO's Northern Flank. Patrick Wall. illus Sea Power 25:20+ Sep '82

The two-way street--a view from Europe on the uneven balance (between NATO and the Warsaw Pact). Patrick Wall. illus tab Sea Power 25:68+ Apr '82

Warning time (in a NATO versus Warsaw Pact framework). Maj Donald L. Mercer. illus Mil Rev 62:14-18 Jan '82

Why the Soviets can't win quickly in Central Europe. John J. Mearsheimer. maps tabs Intl Sec 7:3-39 Summer '82

Statistics

Allocating resources for Western Europe's defence. David Greenwood. illus tab NATO's Fifteen Nations 27:20+ Oct-Nov '82

Netherlands

The Netherlands. illus maps tabs NATO's Fifteen Nations 27: Special Marketing Supplement following Jun-Jul '82

New Zealand

New Zealand defence notes. Regular feature in some issues of Asian Defence Journal beginning with February 1982

New Zealand's defence: Progress and problems. J.H. Beaglehole. illus Pac Def Rep 8:232-233 Dec '81/Jan '82

Norway

Norway and the bear--Soviet coercive diplomacy and Norwegian security policy. Robert K. German. Intl Sec 7:55-82 Fall '82

The Svalbard challenge: The importance of NATO's Northern Flank. Patrick Wall. illus Sea Power 25:20+ Sep '82

DEFENSES - ContinuedOman

The cop at the gate to the (Persian) Gulf.
Denis Warner. map illus Pac Def Rep 8:
28-29+ Apr '82

Pakistan

Asian land forces: 3--Pakistan-India: Comparison of military power. G.Jacobs. illus map tabs Asian Def J No.3:28-30+ Mar '82

Pakistan: New arms purchases. illus Asian Def J No.7:29 Jul '82

Pakistan's security concerns in the 1980's. Norman D.Palmer. Intl Sec Rev 7:155-182 Summer '82

Philippines

The Armed Forces of the Philippines: Security through development in the 1980s. Khalid Abdullah. illus Asian Def J No.6:20-22+ Jun '82

The Philippine constabulary: A police-military force for all seasons. map charts illus Asian Def J No.9:17-18+ Sep '82

South Africa (Republic)

The Cape of Good Hope and the free world. RAdm E.F.Gueritz. Asian Def J No.11:60-62 Nov '82

Southern Hemisphere

The Southern Hemisphere as a defence community. Juerg Meister. illus tabs Pac Def Rep 8:54-57 Mar '82

Soviet Union

Ballistic missile defense and the Atlantic Alliance. David S.Yost. Intl Sec 7:143-174 Fall '82

From the crest all directions are down: The Soviet Union views the 1980s. Daniel S. Papp. Nav War Col Rev 35:50-68 Jul-Aug '82

How the defense budget battle is heating up. Edgar Ulsamer. AF Mag 65:54-60 May '82

Potential Soviet responses to the U.S. submarine threat. Andrew W.Hull. (Reprinted from U.S. Naval Institute Proceedings, Jul 1978) illus Asian Def J No.4:28-30+ '82

The regional scene (East Asian area). Denis Warner. illus Pac Def Rep 8:30-31 Dec '81/ Jan '82

Soviet military build-up and organisation. (Extracted from Soviet Military Power by U.S. Defense Dept) illus maps tabs Asian Def J No.3:40-45+ Mar '82

Soviet military report. Title varies. Regular feature in some issues of Defense & Foreign Affairs

Soviet strategic forces--the Weinberger view. G.Jacobs. illus map tabs Asian Def J No.6: 36-38+ Jun '82

DEFENSES - ContinuedSoviet Union - Cont'd

Soviet tactical ASW threat in the Pacific. G.Jacobs. tabs illus Asian Def J No.8: 14-15+ Aug '82

Soviet weaponry: Simple, rugged--and redoubtable. Edwin W.Besch and Ronald E.Fischer. illus Army 32:18-24 Feb '82

Soviets' fight-to-win doctrine incorporates radio electronic combat. LCDR Guy Thomas. illus Mil Elect/Countermeasures 8:36+ Dec '82

Still trying to close the window. Ean Higgins. illus Pac Def Rep 9:28-30 Aug '82

The Svalbard challenge: The importance of NATO's Northern Flank. Patrick Wall. illus Sea Power 25:20+ Sep '82

The United States and the Soviet Union. illus tab Asian Def J pt 1, No.12:37-38+ Dec '81; pt 2, Asia and Australasia. No.1:12-15+ Jan '82

U.S.-Soviet military facts. tabs map Def Monitor 11, No.6: entire issue '82

The world lives dangerously: A strategic overview. T.B.Millar. illus Pac Def Rep 8:23-24+ Dec '81/Jan '82

Costs

Soviet defence expenditure. International Institute for Strategic Studies. tab AF Mag 65:68 Dec '82

Statistics

Soviet order of battle. Table only. Def Elect 14:65 Jan '82

Spain

Close up on Spain. Guidelines of the Spanish defence policies. Interview with Alberto Oliart Saussol, Minister of Defence. illus Mil Tech 6:79-81 Mar '82

Close up on Spain. The Spanish defence industry. M.Ramirez Gabarrus. illus Mil Tech 6: 86-89+ Mar '82

Socialists outline Spain's new defense policy. R.Luria. Intl Def Rev 15, No.11:1501 '82

Sweden

The Svalbard challenge: The importance of NATO's Northern Flank. Patrick Wall. illus Sea Power 25:20+ Sep '82

Switzerland

Switzerland is modernising: A discussion of Swiss defence plans. illus (Also cutaway) Mil Tech 6:46+ Feb '82

Taiwan

Taiwan's armed forces. G.Jacobs. illus Asian Def J No.10:54-59+ Oct '82

DEFENSES - Continued

Thailand

How Thailand copes with communist insurgency. Gen Saiyud Kerdphol. illus Pac Def Rep 8: 58+ Mar '82

Thailand, the front-line state. Hans H. Indorf. map illus Pac Def Rep 8:36+ Apr '82

United States

American strategic posture: A different perspective. Laurence W. Beilenson. Address, Public Policy Seminar, New York University, NY. illus Def Sci 2000+ 1:12-14+ May-Jun '82

Combat by order of the interceptor. William D. O'Neil. Mil Sci & Tech 2:64-70 '82

Counterforce and alliance: The ultimate connection. Earl C. Ravenal. Intl Sec 6:26-43 Spring '82

Defense myths--and facts. Gen Robert C. Mathis, Ret. illus por AF Mag 65:15-17 Jun '82

Defense trends. Regular feature in issues of Air Force Times beginning with February 15, 1982

Defense, war-fighting and deterrence. Colin S. Gray. Nav War Col Rev 35:38-43 Jul-Aug '82

Diego Garcia: Political clouds over a vital U.S. base. Joel Larus. illus Strat Rev 10:44-45 Winter '82

Even greater uncertainty and danger ahead. ADM Robert L. J. Long. Pac Def Rep 8:49-50+ May '82

Facing two critical challenges. Verne Orr. illus por AF Mag 65:74+ May '82

The five-year spending plan. James W. Abelera and Roger P. Labrie. tabs AEI For Plcy & Def Rev 3, No. 4-5:4-46 '81

Flight from reality. RADM George H. Miller, Ret. illus US Nav Inst Proc 108:44-48 Dec '82

Four options, 600 ships, and anonymous critics. L. Edgar Prina. tabs illus Sea Power 25:48+ May '82

The handwriting on the wall may be a forgery. James R. Schlesinger. por Armed Forces J Intl 119:28+ Mar '82

ICBM vulnerability: The cures are worse than the disease. Albert Carnesale and Charles Glaser. Intl Sec 7:70-85 Summer '82

In focus. Regular feature in issues of Air Force Magazine

Japanese national security policy--a brief review. Khalid Abdullah. map illus Asian Def J No. 12:61-63+ Dec '82

DEFENSES - Continued

United States - Cont'd

The militia of the United States: An analysis. John M. Lane. illus Mil Rev 62:12-18 Mar '82

National defense and the congressional role. CAPT Brent Baker. tabs Nav War Col Rev 35: 4-15 Jul-Aug '82

The nondebate over how Army should fight. Col T. N. Dupuy. illus Army 32:34-38+ Jun '82

Nuclear weapons for defense? Edward Teller. Mil Sci & Tech 2:56 '82

Old habits, new times--challenges to Japanese American security relations. Taketsugu Tsurutani. Intl Sec 7:175-187 Fall '82

Policy, strategy, & the budget: A new look at resources and approaches. Caspar W. Weinberger. illus tabs Defense/82, pp 2-9+, May '82

The Reagan defense program: Can it hold up? Herschel Kanter. illus tabs Strat Rev 10: 19-34 Spring '82

Rebuilding the Anglo-American alliance. Benson Lee Grayson. Parameters 12:15-22 Mar '82

Reversing the tide: Strengthening our merchant marine. John F. Lehman. Def Mgt J 18:2-5 Third Quarter '82

A Russian views armies in the West. Adapted from the Red Star (Krasnaya Zvezda) Moscow, Jan 27 '82. MajGen V. Serebryannikov. illus Mil Sci & Tech 2:18-21 '82

Sealift capability: A dwindling defense resource. Peter J. Luciano. Def Mgt J 18:11-15 Third Quarter '82

Second-echelon attack: Is the debate joined? Mark Stewart. illus Armed Forces J Intl 120:105-106+ Sep '82

Seeking a consensus for the common defense. Caspar W. Weinberger. illus Defense/82, pp 2-8, Dec '82

Sen John G. Tower on defense. L. James Binder. illus por Army 32:43-45 Nov '82

Space lasers and responsibility. Angelo Codevilla. Def Elect 14:21+ Sep '82

Still trying to close the window. Ean Higgins. illus Pac Def Rep 9:28-30 Aug '82

Substitution, access, and the finite crust (U.S. faces potential mineral crisis). Mary Ann Edwards. illus Sea Power 25:41-42 Jan '82

Time to strengthen our defenses. Gen Lew Allen, Jr. illus por AF Mag 65:78-81 May '82

The United States and the Soviet Union. illus tab Asian Def J pt 1, No. 12:37-38+ Dec '81; pt 2, Asia and Australasia. No. 1:12-15+ Jan '82

DEFENSES - ContinuedUnited States - Cont'd

U.S. military report. Regular feature in some issues of Defense & Foreign Affairs

U.S.-Soviet military facts. tabs map Def Monitor 11, No.6: entire issue '82

Costs

Defense burden sharing: A brief scorecard on our major allies (and ourselves). Anthony H. Cordesman. tabs Armed Forces J Intl 120:64+ Oct '82

The economics of the U.S. defense buildup. Richard F. Kaufman. illus NATO's Fifteen Nations 26:38+ Dec '81-Jan '82

Vietnam

The regional scene (East Asian area). Denis Warner. illus Pac Def Rep 8:30-31 Dec '81/Jan '82

Statistics

Vietnam's threat potential to ASEAN. G. Jacobs. tabs illus map Asian Def J No.5: 16-20+ May '82

Warsaw Pact

NATO's new strategy: Defend forward, but strike deep. Benjamin F. Schemmer. illus tabs Armed Forces J Intl pt 1, 120:50-51+ Nov '82; pt 2, Will NATO's C³/EW/I systems let its "strike deep" strategy work? 120: 68-69+ Dec '82

The two-way street--a view from Europe on the uneven balance (between NATO and the Warsaw Pact). Patrick Wall. illus tab Sea Power 25:68+ Apr '82

DEFOLIATION

GAO: Agent Orange exams often inadequate. Don Hirst. AF Times 43:39 Nov 15 '82

High court declines 'orange' suit. AF Times 42:15 Jan 4 '82

VFW backs Agent Orange benefits bill. Paul Smith. AF Times 43:12 Dec 6 '82

DeHAVEN, Oren E.

Joint Chiefs of Staff. LtGen Oren E. DeHaven. charts illus por Def Trans J 38:17-20 Feb '82

Strategic mobility: Requirements & future trends. LtGen Oren E. DeHaven. illus tabs Airlift 4:9-15 Fall '82

Strategic mobility: Shortfalls & solutions. LtGen Oren E. DeHaven. illus Defense/82, pp 10-15, Mar '82

DeLAUER, Richard D.

(AFCEA) industrial luncheon address. Richard D. DeLauer. Signal 36:31-32 Aug '82

"... you ought to look at what's happening on the other side of the two-way street." Interview. Deborah G. Meyer and Benjamin F. Schemmer. illus por Armed Forces J Intl 120:80+ Sep '82

DEMOLITION

Employment of ADMs (Atomic Demolition Munitions). Col Gerald C. Brown and Maj James H. Glock. Mil Rev 62:33-37 Nov '82

The Swiss Army's demolition concept. illus Armada Intl 6:80+ Jul-Aug '82

DEMONSTRATIONS (PROTEST)

The antinuclear movement and base security. TIG Brief 34:5 Oct 11 '82

Education and antagonism to protest. Robert L. Hall and Saul F. Rosenthal. tabs J Pol & Mil Sociol 9:73-82 Spring '81

Guarding the Navy: Coast Guard style. CW2 Paul C. Scotti. illus Armed Forces J Intl 120:92+ Oct '82

DENTAL CARE

Benefits gain in '81; '82 picture is cloudy. Martha L. Craver. AF Times 42:4 Jan 4 '82

Dentistry goes to the field. Capts Howard H. Schultz and George V. Masi. illus Army Log 14:34-37 Sep-Oct '82

Senate cuts most \$\$ for dental plan. Paul Smith. AF Times 42:4 May 24 '82

DEPENDENCY AND INDEMNITY COMPENSATION see Survivors Rights and BenefitsDEPENDENTS, MILITARY see Family MembersDEPLOYMENT

See also
Rapid Deployment Force

Battery + integer programing = transportation. Capt John M. House. illus Fld Arty J 50:58-60 Jan-Feb '82

Deployment on containerhips: Panacea or paradox? Capt Scott Bergeron. illus tabs Translog 13:7-9 Feb '82

The role of the Joint Deployment Agency. illus Translog 13:1-4 Sep '82

Air Force

Deployment into host-nation bases. TIG Brief 34:16 Apr 2 '82

Joint Deployment Agency: A deployment broker. illus Airlift Ops Rev 4:8-11 Apr-Jun '82

Theater nuclear arms control and forward-based systems. John Borawski. AU Rev 33: 11-19 May-Jun '82

Armed Forces

FMF (Fleet Marine Force) for the RDF. CDR Martin L. Cover III. illus US Nav Inst Proc 108:51-55 Jun '82

DEPLOYMENT - ContinuedArmed Forces - Cont'd

Force deployment and sustainment: A bold new approach. Maj Clark B. Russell. illus AF J Log 6:5-9 Spring '82

Innovations to support our NATO commitment. Lawrence J. Korb. illus Defense/82, pp 2-7, Nov '82

Power projection, risk and the light force. Col Peter J. Boylan. illus Mil Rev 62:62-69 May '82

Reinforcements and prepositioning. BrigGen Walter W. Kastenmayer. illus NATO's Fifteen Nations 27:38+ Oct-Nov '82

Strategic mobility: Shortfalls & solutions. LtGen Oren E. DeHaven. illus Defense/82, pp 10-15, Mar '82

Team Spirit 82. MSgt Mike Mason. illus Soldiers 37:10-14 Oct '82

Army

Dragon Team 3-82: Trial swing of the RDF's heavy punch. Capt Daniel P. Bolger. illus map Army 32:14-20 Sep '82

'Round out' is alive, working in Georgia. MajGen John R. Galvin. illus Army 32:36-39+ Nov '82

Marine Corps

Unit deployment: An assessment from the field. LtCol K.D. Jordan. illus MarCor Gaz 66:28-35 Oct '82

History

Roots of deployment--Vera Cruz, 1914. Col J.H. Alexander. illus chart MarCor Gaz 66:71-79 Nov '82

Navy

Requiem for the Sixth Fleet? CDR P.T. Deuter-mann. illus US Nav Inst Proc 108:46-49 Sep '82

The Soviet Navy--supporting its oversea deployment. G. Jacobs. maps tabs illus Asian Def J No.2:40-44+ Feb '82

DePUY, William E.

The impact on our future military capabilities with improved C³I. Gen W. DePuy, Ret. Signal 36:47-48 Aug '82

DESERT OPERATIONS

Attack of a desert strongpoint. Capts Wayne J. Sabo and Edwin L. Kennedy, Jr. illus Infantry 72:25-29 Jul-Aug '82

Bright Star '82. Capts Craig Cioletti and Lee Smith. illus USAF Ftr Wpns Rev, pp 2-4, Summer '82

DESERT OPERATIONS - Continued

Combat service support in the desert. Maj Edward L. Wiehe. illus Army Log 14:2-6 Mar-Apr '82

'Desert Horse' logistics. Maj John M. Taylor and Col Eddie B. Ladd. illus Army Log 14: 8-11 Mar-Apr '82

Desert warfare: A strong point defense. Maj J.W. Klump. illus MarCor Gaz 66:56-59 Apr '82

The Marines: Taking the heat. Paul O. Davis and CDR Robert J. Biersner. illus US Nav Inst Proc 108:110-112 Sep '82

NTC's (National Training Center) desert 'Reds' ready for all comers. Wayne Hair. illus Army 32:36-38 Apr '82

'Operation Ramon': Historic move to the Negev. Maj Karen McKay. illus map Army 32: 46-49+ Apr '82

Sudanese wait for West Virginians at the Nile junction. illus Natl Guard 36:20-23 May '82

T-72 tank operation in a desert. Col D. Ryazantsev. illus Soviet Mil Rev pt 1, No.12:24-26 Dec '82

DESERTION, MILITARY

Desertions, AWOLs decline to 13-year lows in FY '81. AF Times 42:7 Feb 1 '82

Statistics

Desertions, AWOLs decline to 13-year lows in FY '81. AF Times 42:7 Feb 1 '82

DESIGN TO COST CONCEPT see Cost ControlDESTROYERS

Another one of their new destroyers: Udaloy. CAPT J.W. Kehoe and K.S. Brower. tabs illus US Nav Inst Proc 108:115-119 Feb '82

The BREMEN-class frigates: Planning, tasks, technology. Michael Salitter. illus Mil Tech 6:12-14+ Feb '82

Change in Netherlands fleet plan to strengthen air defense. Capt F. de Blocq van Kuffeler, Ret. illus tabs Intl Def Rev 15, No.9:1247-1249 '82

DDG-51: A new class of destroyers for the U.S. Navy. William Ruhe. illus Mil Tech 6:89-90 Nov '82

Escorts: 1982 and beyond. A.W. Grazebrook. tab illus Pac Def Rep 8:11-14 Mar '82

European corvette and frigate export proposals. R.J.L. Dicker. illus Intl Def Rev 15, No.3:295-302 '82

Fast and furious: The FFG-7 program, and what comes next. CAPT Walter R. Thomas, Ret. tab illus Sea Power 25:31-34+ Sep '82

DESTROYERS - Continued

First operating experiences with the Bremen (West Germany's newest ship). Capt Dieter Weigel. illus Armada Intl 6:6+ Sep-Oct '82

French Navy programs present and future. R.J.L.Dicker. illus Intl Def Rev 15, No.10:1393-1397 '82

Guns vs butter--without the guns? Col John G.Miller and Maj H.W.Peterson. illus US Nav Inst Proc 103:32-37 Jan '82

Helicopters for the FFGs: Defence's 'for but not with' syndrome. A.W.Grazebrook. illus tab Pac Def Rep 9:21+ Oct '82

The Indian Navy's "Rajput" class destroyer. illus Asian Def J No.7:38-39 Jul '82

The "Luta" fleet (Chinese guided missile destroyers). Andrew Li. illus US Nav Inst Proc 108:131-132 Mar '82

Modern escort ships. Jürg Meister. tab illus Armada Intl 6:44+ Sep-Oct '82

The NATO frigate replacement. William Kinsman. illus NATO's Fifteen Nations 27:74+ Oct-Nov '82

Powering the new frigates. Ian Hamilton. illus Pac Def Rep 8:14-16+ Jun '82

The Royal Thai Navy's "Makut Rajakumarn" class frigate. illus Asian Def J No.9: 53-54 Sep '82

The Royal Thai Navy's "Pin Klao" frigate. illus Asian Def J No.10:97-98 Oct '82

Shipboard simulation moves to sea. Paul Seidenman. illus Natl Def 66:24-27 Mar '82

Type 24 Frigate (United Kingdom frigate design). illus tab Asian Def J No. 2:68+ Feb '82

The U.S. Navy: A new destroyer class. Norman Polmar. illus tab US Nav Inst Proc 108: 122-124 Aug '82

The Udaloy-class destroyer--a Soviet Spruance? CAPT J.W.Kehoe, Ret and K.S.Brower. illus tabs Intl Def Rev 15, No.3:283-286 '82

Window on naval defense. Broadcast on Window on Wall Street, 1982. illus Sea Power 25:31-34+ Dec '82

Statistics

The Indian Navy's "Talwar" class frigate. illus tabs Asian Def J No.5:76-77 May '82

Wolf of the high seas--the "LUPO" class frigate. Syed Hussain bin Syed Abdul Karim. illus tabs Asian Def J No.5:64-66+ May '82

DETECTION EQUIPMENT

Countermine warfare: Deadly game of "hide and seek" using World War II technology? Deborah G.Meyer. illus Armed Forces J Intl 119: 22+ Mar '82

Cruise missiles can be detected with contrast radiometry. Tim M.Sharon and Richard D. Brewer. illus tabs Mil Elect/Countermeasures 8:20-25 Jul '82

Extending the horizon. Norman Polmar. illus US Nav Inst Proc 108:121-124 Dec '82

Ground based electronic warfare. illus Asian Def J No.6:76+ Jun '82

How the radars work. Chris Heath. tabs Pac Def Rep 9:75+ Sep '82

Internal security equipment survey. illus Intl Def Rev 15, No.10:1445-1448 '82

Militarized array processor builds on commercial design experience. John Swenson. illus Mil Elect/Countermeasures 8:34-37 Sep '82

New detection device. Col Norman L.Dodd. illus Asian Def J No.2:74-75 Feb '82

Requirements for perimeter protection systems. Heinz Hermes. illus Mil Tech 6: 152-155 Aug '82

Search And Rescue Satellite Aided Tracking (SARSAT). Lt M.M.Blume. illus map Signal 36:51-56 Jan '82

The U.S. Naval Ocean Surveillance Information System (NOSIS)--Australia's role. Desmond Ball. illus Pac Def Rep 8:40-42+ Jun '82

The U.S. Vela nuclear detection satellite system and the Australian connection. Desmond Ball. tabs Pac Def Rep 8:15-16+ Mar '82

The victim's view of ASW. CDR John L.Byron. illus US Nav Inst Proc 108:38-43 Apr '82

Warfare in the dark. E.K.Stodola. illus Signal 37:52-54 Oct '82

DÉTENTE

Detente's dead giveaway. Sen William L.Armstrong. Sergeants 20:12-13 Apr '82; illus Officer 58:30-31 Jun '82

German security thinking revisited. Gina Cowen. RUSI J for Def Studies 127:33-38 Sep '82

A German view of arms control and east-west security. Heinz Schulte. illus maps tab Intl Def Rev 15, No.10:1369-1374+ '82

Manifesto of a German atlanticist. Franz Josef Strauss. Strat Rev 10:11-15 Summer '82

National security and national purpose: The West, the Soviet Union, and China. George H.Quester. illus AU Rev 33:18-32 Mar-Apr '82

Technology trade policy with the Communist block. Sen William L.Armstrong. Signal 37:39-41 Oct '82

DETERRENCE

- Ballistic missile defense and the Atlantic Alliance. David S.Yost. Intl Sec 7:143-174 Fall '82
- "The basic issue is to deter conflict." Interview. por illus Mil Tech 6:21-22+ Oct '82
- Britain's strategic nuclear deterrent. John Barraclough. illus NATO's Fifteen Nations 27:32-33+ Feb-Mar '82
- Civil defense and the strategic balance. Nancy D.Greene. Mil Sci & Tech 2:31-35+ '82
- Counterforce and alliance: The ultimate connection. Earl C.Ravenal. Intl Sec 6:26-43 Spring '82
- Defense, war-fighting and deterrence. Colin S.Gray. Nav War Col Rev 35:38-43 Jul-Aug '82
- Deterrence: After the golden age. (Ira C. Eaker 1st Prize Essay) Maj Leslie J. Hamblin. AU Rev 33:24-30 Jan-Feb '82
- Deterrence and perception. Robert Jervis. Intl Sec 7:3-30 Winter '82/'83
- Deterrence is everybody's business. (Testimony before Senate Foreign Relations Committee) Russell E.Dougherty. illus AF Mag 65:34-36 Jan '82
- Deterrence through terror or deterrence through defense--the emerging nuclear debate. Marc Geneste. Armed Forces & Soc 8:223-238 Winter '82
- For MX: Closely spaced basing. Edgar Ulsamer. AF Mag 65:20+ Nov '82
- French defense: An American appreciation. John H.Kelly. tabs AEI For Plcy & Def Rev 4, No.1:41-46 '82
- From silk scarf to spacecraft. Gen Charles A.Gabriel. Address, AFA's Annual National Convention, Sep 1982. illus por AF Mag 65:80-83 Nov '82
- The future of East-West relations: Some policy perspectives. Johan Jørgen Holst. Nav War Col Rev 35:12-22 Sep-Oct '82
- The Gatsby effect in U.S. strategic affairs. Col Alton L.Elliott. AU Rev 33:79-89 Nov-Dec '81
- German security thinking revisited. Gina Cowen. RUSI J for Def Studies 127:33-38 Sep '82
- ICBM vulnerability: The cures are worse than the disease. Albert Carnesale and Charles Glaser. Intl Sec 7:70-85 Summer '82
- The idea of strategic superiority. Colin S. Gray. AF Mag 65:62-63 Mar '82
- Improved strategic C³: An urgent national priority. Rep John G.Tower. por Signal 36:65-66 May-Jun '82
- In defense of counterforce. Victor Utgoff. Intl Sec 6:44-60 Spring '82

DETERRENCE - Continued

- The manned bomber. Gen B.L.Davis. illus por NATO's Fifteen Nations 27:38+ Feb-Mar '82
- Mutual deterrence and strategic arms limitation in Soviet policy. Raymond L.Garthoff. Strat Rev 10:36-51 Fall '82
- NATO--the status of C³: NATO C³: Key element of future deterrence. Vitalij Garber. Signal 37:23 Dec '82
- Neutron weapons: Solution to a surprise attack? Col Daniel Gans. illus tabs map Mil Rev pt 1, 62:19-37 Jan '82; pt 2, 62:55-73 Feb '82
- Nonnuclear deterrence: Potentials and problems. Roger A.Beaumont. illus Mil Rev 62:33-42 Sep '82
- The nuclear armament of France. François de Rose. illus NATO's Fifteen Nations 27:28+ Feb-Mar '82
- On prolonged nuclear war. Richard B.Foster. Intl Sec Rev 6:497-518 Winter '81/'82
- The Persian Gulf and the correlation of forces. W.Scott Thompson. Intl Sec 7:157-180 Summer '82
- The political utility of nuclear weapons: The 1973 Middle East Crisis. Barry M.Blechman and Douglas M.Hart. Intl Sec 7:132-156 Summer '82
- Public opinion and alliance security. Geoffrey E.Pattie. illus Strat Rev 10:71-79 Spring '82
- Question for U.S. strategic modernization: Why "ride out" a Soviet attack? Blair Stewart. illus Strat Rev 10:44-52 Spring '82
- A realistic conventional deterrent. Daniel K. Malone. illus Natl Def 67:51-53 Jul-Aug '82
- "A smoking radiating ruin at the end of two hours": Documents on American plans for nuclear war with the Soviet Union, 1954-1955. David A.Rosenberg. tab Intl Sec 6:3-38 Winter '81/'82
- Soviet civil defense and the U.S. deterrent. John M.Weinstein. Parameters 12:70-83 Mar '82
- Soviet perceptions of nuclear strategy and implications for U.S. deterrence. Stephen M.Millett. AU Rev 33:50-61 Mar-Apr '82
- Soviet strategic doctrine: Another view. Richard Pipes. Strat Rev 10:52-58 Fall '82. Rebuttal. Raymond L.Garthoff 10:58-63 Fall '82
- Strategic balance in the 1980's. Andrew C. Tuttle. illus Natl Def 67:22-25 Jul-Aug '82
- Strategic equivalence: What is it? How do we get it? Richard K.Betts. AU Rev 33:20-28 Nov-Dec '81
- Strategic modernization. James P.Wade, Jr. illus Defense/82, pp 2-11, Oct '82

DETERRENCE - Continued

Strategic uncertainty and nuclear deterrence. Donald M. Snow. Nav War Col Rev 34:27-41 Nov-Dec '81

We can't afford to lose the technological edge. Edgar Ulsamer. AF Mag 65:92-95 Feb '82

Western deterrence: Posture and rationale. GpCapt R.A. Mason. AU Rev 33:2-10 May-Jun '82

Why does the United States need ICBMs? Colin Gray. illus NATO's Fifteen Nations 27:80-84 Aug-Sep '82

DICKINSON, Hillman

C³--the last ten years. LtGen Hillman Dickinson. Mil Elect/Countermeasures 8:26+ Jan '82

JCS role in C³ systems acquisition. LtGen Hillman Dickinson. Signal 36:49-51 Aug '82

DIEGO GARCIA

Diego Garcia: Political clouds over a vital U.S. base. Joel Larus. illus Strat Rev 10:44-45 Winter '82

DIESEL ENGINES

Diesel boats forever? CDR John L. Byron. illus US Nav Inst Proc 106:35-42 Dec '82

DIGITAL COMMUNICATIONS see Digital EquipmentDIGITAL EQUIPMENT

See also
Data Transmission Systems

Advanced narrowband digital voice terminal. Jack Garner and others. illus Signal 37: 7-8+ Nov '82

Army digital microwave radio program. James E. Bartow. illus Signal 36:43-45 Apr '82

Digital processing technology for EW systems. W.H. Osborne II. illus J of Elect Def 5: 56-59+ Dec '82

Digital terrain analysis data: A critical element in future tactical C³I. Maj Edwin E. Neel, Jr and others. Signal 36:51-54 Mar '82

Evolution of teleprocessing. Charles K. Watt. tabs Concepts 5:125-140 Autumn '82

Full-authority digital engine control: British developments for aircraft applications. Mark Hewish. illus Intl Def Rev 15, No.8:1037-1040+ '82

Ku-band digitally tuned oscillator will soon be available for systems designers. Cuong M. Pham and others. illus tabs Def Elect 14: 46+ Feb '82

Processor extensions improve missile computer design. Richard T. Davis. illus Def Elect 14:72+ Jun '82

Software needs top-down management. David R. Brown, Jr. illus Concepts 5:202-218 Autumn '82

A technical overview of the Joint Tactical Communications System. Jeffrey Vignes and David Furniss. illus Signal 37:43-49 Nov '82

DINGES, Edward A.

On the move. MajGen Edward A. Dinges. illus Fld Arty J 50:1 Jan-Feb '82

DIPLOMATIC AND CONSULAR SERVICE

(Polish Ambassador to the United States, Romuald) Spasowski defects. Mil Sci & Tech 2, No.1:19+ '82

Should American Ambassadors have to travel abroad as "second-class" citizens? W. Eric Casey. Armed Forces J Intl 119:28 Apr '82

DIRECTION-FINDING EQUIPMENT

Advanced HF DF (High Frequency Direction Finding) system provides ranging by vertical triangulation. S.M. Bennett and K.B. Jenkins. illus Def Elect 14:90+ Jun '82

Electronic navigation aids. Chris Heath. Pac Def Rep 8:55-56+ Jun '82

Monochannel direction finding improves monopulse technique. Douglas E. Klaus and Richard P. Hollis. illus Def Elect 14:35-38+ Mar '82

Problems of radio DF (Direction Finding) in electronic warfare. Capt Jürgen Wächter. illus Armada Intl 6:41-42+ Mar-Apr '82

The U.S. Naval Ocean Surveillance Information System (NOSIS)--Australia's role. Desmond Ball. illus Pac Def Rep 8:40-42+ Jun '82

DISARMAMENT

U.S. initiatives for the U.N. special session on disarmament: Nuclear testing moratorium and no-first-use policy. Def Monitor 11: entire issue '82

DISASTER CONTROL

Distribution of 'have name' protection guide (CORKER). TIG Brief 34:17 Jan 8 '82

DISASTERS

See also
Hurricanes
Volcanoes

Emergency Mobilization Preparedness Board. Louis O. Giuffrida. Signal 36:61-63 Aug '82

An introduction to disaster: Some considerations of a psychological nature. Timothy J. Singer. Aviation, Space & Envt Med 53: 245-250 Mar '82

Random danger: The railroad response. John E. Murray. illus Def Trans J 38:10-12+ Jun '82

DISCHARGES, RELEASES, AND SEPARATIONS

See also
Retirement

Air Force

AF ruled within rights to discharge O-4. AF Times 42:2 Mar 1 '82

'Due process' expanded for some drug users. Don Mace. AF Times 43:6 Aug 9 '82

DISCHARGES, RELEASES, AND SEPARATIONS -
Continued

Air Force - Cont'd

155 overweight separated; total down. Pat Dalton. AF Times 42:6 Mar 15 '82

Reviews set for involuntarily separated EM. AF Times 42:6 Mar 8 '82

Armed Forces

Discharge upgrade seen for 12,000 ousted for drugs. AF Times 42:10 Mar 22 '82

Easier to oust recruits--discharge rules revised. AF Times 42:1+ Feb 15 '82

Many early-outs find door shut behind them. tabs AF Times 42:7 Apr 5 '82

Pregnant exits: Bonus repayment? Tom Philpott. AF Times 43:2 Sep 6 '82

The propriety of argument by trial defense counsel for bad-conduct discharge. Capt Robert D. Higginbotham. AF Law Rev 22, No. 1: 81-94 '80/'81

Reagan signs order to allow stiffer drug sentences. Tom Philpott. AF Times 43:1+ Oct 11 '82

Recruit dropout rate tied to experiences. AF Times 42:1+ Jan 25 '82

Some drug use discharges will be upgraded. Tom Philpott. AF Times 43:2 Sep 13 '82

Those punitively discharged may vote, Defense (Dept) clarifies. AF Times 42:10 May 3 '82

Army

Aviation warrant officer retention: A matter of action. Col George A. Morgan and CW4 Kenneth M. Johnson. USA Avn Dig 27:36-39 Dec '81

The personality disordered individual in aviation units: A primer for commanders and flight surgeons. LtCol Brian H. Chermol. USA Avn Dig 28:15-17 Feb '82

Starting over--help when your tour's up. SSgt Victoria Mouze. illus Soldiers 37:50-52 Jun '82

DISCIPLINE, MILITARY

Air discipline. MajGen Harry Falls, Jr. TIG Brief 34:3-4 May 28 '82

The anatomy of mutiny. Elihu Rose. Armed Forces & Soc 8:561-574 Summer '82

Appeal in disrespect case overturned. AF Times 42:10 Feb 15 '82

Article 15 policy change: More, but impact less. Don Mace. AF Times 42:10 Jan 18 '82

CMA warns about delays in posttrial review wait. Tom Philpott. AF Times 43:12 Sep 27 '82

COs lose power to continue pretrial confinement. Don Mace. AF Times 43:6 Aug 23 '82

DISCIPLINE, MILITARY - Continued

(Chief Judge Robinson O.) Everett: Military justice 'more hard-boiled.' Tom Philpott. AF Times 43:2 Nov 29 '82

Cohesion is watchword in trailblazing B Co. Capt Lawrence M. Gehlaussen and LtCol Frederick W. Timmerman, Jr. illus Army 32:54-56+ May '82

Court (of Military Appeals) clarifies rule on trial by judge. AF Times 43:12 Sep 27 '82

Disciplinary decisions. LtCol C.H. Mitchell. MarCor Gaz 66:18-19 Feb '82

Discipline and justice in the Armed Forces. Col Norman R. Thopre. AU Rev 33:57-68 Nov-Dec '81

Earl's pleasure palace (Correctional Custody Facility, Altus AFB, OK). LtCol Garry E. Mitchelmore. illus Airman 26:16-19 Sep '82

House drug report cites need for 'swift and sure' punishment. AF Times 42:14 Mar 22 '82

Juries should weigh pretrial confinement. Tom Philpott. AF Times 43:9 Oct 11 '82

Let the punishment fit the crime, not other convictions. AF Times 42:10 May 3 '82

NORML (National Organization for the Reform of Marijuana Laws): End drug busts based on urinalysis. Paul Smith. AF Times 43:14 Aug 9 '82

New policy makes finding marijuana users easier. Don Mace. AF Times 43:1+ Nov 29 '82

101 court-martialed get second chance at Lowry (AFB, CO). Len Famiglietti. illus AF Times 42:12 Apr 5 '82

Poor performers need 2d check. Don Mace. AF Times 42:4 Apr 5 '82

Punishment: Speak it or write it? MajGen A.S. Newman. illus Army 32:72-73 Feb '82

Reagan signs order to allow stiffer drug sentences. Tom Philpott. AF Times 43:1+ Oct 11 '82

Stiffer DWI measures ordered. Paul Smith. AF Times 43:1+ Dec 13 '82

What makes Ivan fight? LtCol William P. Baxter, Ret. illus Army 32:37-39 Mar '82

DISCRIMINATION see Race Relations

DISEASES

Environmental sampling in infection control. TIG Brief 34:16 May 14 '82

Gonorrhea vaccine test planned for early 1983. Paul Smith. AF Times 43:4 Nov 29 '82

Hepatitis virus infection in flying airline personnel. F. Holdener and others. tabs Aviation, Space & Envmt Med 53:587-590 Jun '82

DISEASES - Continued

Herpes. MSgt Mike Mason. Soldiers 37:17-19 May '82

New VD strain--a growing problem. AF Times 42:4 Mar 29 '82

Of battle and disease: The East African campaign of 1914-18. John Sloan Brown. map Parameters 12:16-24 Jun '82

Relieving the riddle of allergies. Maj Anthony Lynn Batezel. illus Airman 26:30-38 Jul '82

Sarcoidosis in aircrew. A.J.C.Balfour. tabs Aviation, Space & Envmt Med 53:269-272 Mar '82

Services don't track genital herpes cases. Paul Smith. AF Times 43:12 Nov 1 '82

DISLOCATION ALLOWANCES

Moving. illus Soldiers 37:23-26 Jan '82

DISPERSAL, MILITARY

Airfield survivability and VSTOL. AVM Patrick Hine. illus NATO's Fifteen Nations Special Issue No.1:59-60+ '82

DISPLACED PERSONS see RefugeesDISPLAY SYSTEMS

An alternate AH-1 TOW Training System. Capt Bruce Coons. illus USA Avn Dig 28:38-41 Feb '82

British developments in wide-angle head-up displays. Mark Hewish. illus Intl Def Rev 15, No.8:1033-1036 '82

Computer-generated images for simulators: The cost of technology. George C.Larson. illus AF Mag 65:54-59 Feb '82

The GenAv "glass cockpit"--certification this summer. Chris Bulloch. illus Interavia 37:91-93 Jan '82

Laser air situation display. W.Thust. illus Armada Intl 6:52-54+ Jan-Feb '82

DISSENTERS

Antinuclear medics win DOD skirmish. AF Times 42:10 Jan 11 '82

Major General Pyotr Grigorenko--Soviet heretic. Marius Gaius. illus Mil Rev 62: 2-14 Oct '82

DIVERS AND DIVING

The diving response in clinical medicine. Brett A.Gooden. illus Aviation, Space & Envmt Med 53:273-276 Mar '82

DIVORCE see Marriage and DivorceDIZZINESS see VertigoDOCKS

Canadian winters--shipbuilding the year round. Paul Seidenman. illus Natl Def 66: 26-28+ May-Jun '82

DOCTORS see PhysiciansDOCTRINEAir Force--U.S.

An approach to reconnaissance doctrine. Col George E.Daniels. AU Rev 33:62-69 Mar-Apr '82

Space power doctrine. LtCol Dino A.Lorenzini. illus AU Rev 33:16-21 Jul-Aug '82

Armed Forces

Surprise (a basic principle of military doctrine). LtCol José Sánchez Méndez. map illus AU Rev 33:34-43 Nov-Dec '81

Study and Teaching

Of trees and leaves--a new view of doctrine. LtCol Dennis M.Drew. AU Rev 33:40-48 Jan-Feb '82

Armed Forces--France

Deterrence through terror or deterrence through defense--the emerging nuclear debate. Marc Geneste. Armed Forces & Soc 8:223-238 Winter '82

Armed Forces--Korea (North)

North Korean military doctrine. Yong Soon Yim. tabs Intl Sec Rev 7:183-204 Summer '82

Armed Forces--N A T O

Alternative strategies for the West. François de Rose. illus NATO's Fifteen Nations 27: 14-17 Jun-Jul '82

Maneuver, mobile defense, and the NATO central front. John J.Mearsheimer. map Intl Sec 6:104-122 Winter '81/'82

A realistic conventional deterrent. Daniel K. Malone. illus Natl Def 67:51-53 Jul-Aug '82

Why the Soviets can't win quickly in Central Europe. John J.Mearsheimer. maps tabs Intl Sec 7:3-39 Summer '82

Armed Forces--Soviet Union

The development of Soviet military doctrine. C.N.Donnelly. Reprinted from International Defense Review 14, No.12:1589-1596 '81. illus Mil Rev 62:38-51 Aug '82

Is Soviet strategic doctrine superior? Donald W.Hanson. Intl Sec 7:61-83 Winter '82/'83

Mutual deterrence and strategic arms limitation in Soviet policy. Raymond L.Garthoff. Strat Rev 10:36-51 Fall '82

DOCTRINE - ContinuedArmed Forces--Soviet Union - Cont'd

- On prolonged nuclear war. Richard B. Foster. Intl Sec Rev 6:497-518 Winter '81/'82
- Seven principles of Soviet tactical doctrine. Maj A.C. Bevilacqua, Ret. illus MarCor Gaz 66:36-43 Sep '82
- Scorched-earth policy: Soviets in Afghanistan. Maj John M. Hutcheson. illus Mil Rev 62:29-37 Apr '82
- Soviet perceptions of nuclear strategy and implications for U.S. deterrence. Stephen M. Millett. AU Rev 33:50-61 Mar-Apr '82
- Soviet strategic doctrine: Another view. Richard Pipes. Strat Rev 10:52-58 Fall '82. Rebuttal. Raymond L. Garthoff 10:58-63 Fall '82
- Surprise and deception in Soviet military thought. Jennie A. Stevens and Henry S. Marsh. illus Mil Rev pt 1, 62:2-11 Jun '82; pt 2, 62:24-35 Jul '82
- Uncertainties for the Soviet war planner. Benjamin S. Lambeth. Intl Sec 7:139-166 Winter '82/'83

Armed Forces--U.S.

- 3
C CM: Progress and outlook. MajGen Doyle E. Larson. Def Mgt J 18:6-10 Third Quarter '82
- The RDJTF and doctrine. Capt James A. Bowden. illus Mil Rev 62:50-64 Nov '82
- "A smoking radiating ruin at the end of two hours": Documents on American plans for nuclear war with the Soviet Union, 1954-1955. David A. Rosenberg. tab Intl Sec 6:3-38 Winter '81/'82
- U.S. strategic forces: How would they be used? Desmond Ball. Intl Sec 7:31-60 Winter '82/'83

Army--Soviet Union

- The continuing evolution of the Soviet ground forces. Donald L. Madill. illus Mil Rev 62:52-68 Aug '82
- Ne po shablonu (not by pattern): Soviet tactical flexibility. LtCol Richard S. Rosevich. illus Mil Rev 62:24-32 Aug '82
- The principle of mass in Soviet tactics today. Maj John G. Hines. illus Mil Rev 62:13-23 Aug '82
- A realistic conventional deterrent. Daniel K. Malone. illus Natl Def 67:51-53 Jul-Aug '82
- Soviet echeloning. P.H. Vigor. illus Mil Rev 62:69-74 Aug '82

Army--U.S.

- Airland battle--implications for the Infantry. LtCol Jerry M. Sollinger. illus Infantry 72:20-25 Mar-Apr '82

DOCTRINE - ContinuedArmy--U.S. - Cont'd

- Airland battle 2000 takes the offensive using high technology. David M. Russell. illus Def Elect 14:60+ Jun '82
- The armor force in the airland battle. Maj Michael S. Lancaster. Armor 91:26-32 Jan-Feb '82
- Army aviation systems program review '82. MajGen Carl H. McNair, Jr and Capt Josef Reinsprecht. illus por USA Avn Dig pt 1, 28:38-44 Jun '82; pt 2, Concepts, doctrine and tactics panel. 28:8-13 Jul '82; pt 3, Organization and force structure panel. 28:36-39 Sep '82; pt 4, The training panel. 28:2-8 Oct '82; pt 5, The materiel panel. 28:9-13 Oct '82
- Battalion operations from encircled positions. Maj Michael R. Tarantola. illus Mil Rev 62:35-40 Feb '82
- Battle doctrine for the 21st century. Tony Velocci. illus Natl Def 67:11-14 Nov '82
- David vs Goliath. Ernest Volkman. illus Mil Sci & Tech 2:32-36 '82
- The fighter/interceptor helicopter--a concept for today and tomorrow. Maj Frank E. Babiasz. illus USA Avn Dig 28:30-32 Jan '82
- Force modernization--doctrine, organization and equipment. LtCol Lawrence M. Jackson II. illus Mil Rev 62:2-12 Dec '82
- The integrated battlefield. Col William G. Hanne. Mil Rev 62:34-44 Jun '82
- Maneuver in the deep battle. LtCol L.D. Holder. Mil Rev 62:54-61 May '82
- The new FM 100-5. LtCols Kuba Wass de Czege and L.D. Holder. illus Mil Rev 62:53-70 Jul '82
- The nondebate over how Army should fight. Col T.N. Dupuy. illus Army 32:34-38+ Jun '82
- The operational art of the airland battle. LtCol John S. Doerfel. illus Mil Rev 62:3-10 May '82
- Turf philosophy hard on doctrine cohesion. John R. Cameron. Army 32:20-23 Aug '82
- Where have all the 'foreverisms' gone? Col Holland E. Bynam. illus Army 32:18-21+ Jan '82

Marine Corps--U.S.

- The evolving role of attack helicopters. Maj T.L. Quinter. illus MarCor Gaz 66:30-35 Dec '82
- Ideas and direction: Building amphibious doctrine. Capt Richard S. Moore. illus MarCor Gaz 66:49-58 Nov '82

Navy--Soviet Union

- (Soviet Union) their Navy in 1981. Donald C. Daniel and Theodore A. Neely, Jr. illus tabs US Nav Inst Proc 108:109-110+ Oct '82

DOCTRINE - ContinuedNavy--U.S.

Maneuver warfare at sea. CDR Robert J.Kelsey.
illus US Nav Inst Proc 108:30-36 Sep '82

DOGS

Canine soldiers. Maj William J.Kelch. illus
Mil Rev 62:32-41 Oct '82

DOMENICI, Pete V.

Toward a decision on ballistic missile de-
fense. Sen Pete V.Domenici. illus por Strat
Rev 10:22-27 Winter '82

DONAHUE, Robert J.

Simulation, emulation and modeling in the
TRI-TAC program. MajGen Robert J.Donahue.
illus Signal 36:85-90+ Aug '82

DOOLITTLE, James H.

Changing to Air Force blue. Maj Anthony Lynn
Batezel. illus Airman 26:2-6 Sep '82

Jimmy Doolittle leaves his calling card. H.R.
Haplan. illus Sergeants 20:22-24 May '82

DOUGHERTY, Russell E.

Deterrence is everybody's business. (Testi-
mony before Senate Foreign Relations Com-
mittee) Russell E.Dougherty. illus AF Mag
65:34-36 Jan '82

DRAFT, MILITARY see Military Service, CompulsoryDREW, Dennis M.

War, politics, and hostile will. (Ira C.Eaker
Essay--second prize winner) LtCol Dennis M.
Drew. AU Rev 33:33-39 Mar-Apr '82

DRILL

A tale of three miseries (no medical care
for persons falling ill at drill). illus
Nat'l Guard 36:27-29 Jun '82

DRONES

See also
Remotely Piloted Vehicles

Combat drones: The fearless warriors. Stefan
Geisenheyner. illus Asian Def J No.11:63-
66+ Nov '82

The Israeli IAI Scout drone. Ezio Bonsignore.
illus NATO's Fifteen Nations Special Issue
No.1:97+ '82

DRUG ADDICTS

Commanders win new drug abuse powers. Paul
Smith. AF Times 42:3 Jan 11 '82

DRUG ADDICTS - Continued

(Drug abuse) life in the fast lane. LtCol
John M.Economidy. illus Airman 26:30-33
Sep '82

Not in my Navy. LTJG Sal A.Paolantonio. illus
tabs US Nav Inst Proc 108:38-43 Aug '82

Rehabilitation

Deterrents to voluntary referral to the
Army's Alcohol and Drug Abuse Prevention
and Control Program (ADAPCP). John P.Allen
and Michael G.Sheahan. tabs J Pol & Mil
Sociol 10:29-39 Spring '82

Get help or get out. SSgt Victoria Mouze.
illus Soldiers 37:22-25 Jun '82

Navy's war on drugs: Why they call it "Hammer
and Help." Govt Exec 14:26-27+ Oct '82

New policy on illegal drugs. MarCor Gaz 66:13
Jan '82

DRUGS

Accountability and control for schedule drugs.
TIG Brief 34:17 Jul 9 '82

Antidrug head says traditional values should
be pushed. Paul Smith. AF Times 42:14
Mar 22 '82

Battling substance abuse. Col John J.Tolnay.
illus MarCor Gaz 66:43-46 Aug '82

Beta adrenergic blocking agents to control
hypertension in aviation personnel. C.L.
Schamroth and others. Aviation, Space &
Envmt Med 53:403-404 Apr '82

CMA ruling: Cocaine 'habit-forming.' AF Times
43:15 Aug 16 '82

Control of drug abuse paraphernalia. TIG
Brief 34:12 Mar 5 '82

Controlled medications in the emergency
room. TIG Brief 34:13 Feb 5 '82

Controlling drug use: Guidelines for the
commander. LtCol Larry H.Ingraham. illus
Mil Rev 62:41-46 Feb '82

DOD pressed for AWACS to help in drug fight.
illus AF Times 42:10 Mar 22 '82

DOD to outline military role in drug war.
AF Times 42:13 Feb 1 '82

Dimethyl sulfoxide (DMSO)--a unique thera-
peutic entity. J.Harold Brown. illus
Aviation, Space & Envmt Med 53:82-88
Jan '82

Discharge upgrade seen for 12,000 ousted for
drugs. AF Times 42:10 Mar 22 '82

(Drug abuse) life in the fast lane. LtCol
John M.Economidy. illus Airman 26:30-33
Sep '82

Drug & alcohol abuse: Progress, but no easy
solutions. John H.Johns. Defense/82,
pp 14-20, Aug '82

The drug busters. Tippi Ross. illus Airman
26:18-23 Dec '82

DRUGS - Continued

Drug survey to tap civilians, military. AF Times 42:17 May 24 '82

Drug use change proposed. AF Times 42:10 Mar 1 '82

'Due process' expanded for some drug users. Don Mace. AF Times 43:6 Aug 9 '82

The effect of acetazolamide on the proteinuria of altitude. Arthur R. Bradwell and John P. Delamere. tabs Aviation, Space & Envmt Med 53:40-43 Jan '82

Evidence for the involvement of central alpha2 mechanisms in intrathoracic volume expansion--induced diuresis: A study with clonidine and propranolol. Paul Montastruc and others. tabs Aviation, Space & Envmt Med 53:347-353 Apr '82

The extraction and identification of drugs in aviation toxicology. R.W. Mayes. tabs Aviation, Space & Envmt Med 53:332-335 Apr '82

House drug report cites need for 'swift and sure' punishment. AF Times 42:14 Mar 22 '82

NORML (National Organization for the Reform of Marijuana Laws): End drug busts based on urinalysis. Paul Smith. AF Times 43:14 Aug 9 '82

The Navy's war on drugs. Jay Finegan. illus AF Times, Times Magazine sup:4-8+ Jun 7 '82

New policy makes finding marijuana users easier. Don Mace. AF Times 43:1+ Nov 29 '82

New policy on illegal drugs. MarCor Gaz 66:13 Jan '82

New VD strain--a growing problem. AF Times 42:4 Mar 29 '82

Not in my Navy. LTJG Sal A. Paolantonio. illus tabs US Nav Inst Proc 108:38-43 Aug '82

Phenytoin: Ineffective against acute mountain sickness. Richard L. Burse and others. illus tabs Aviation, Space & Envmt Med 53:221-225 Mar '82

Reagan signs order to allow stiffer drug sentences. Tom Philpott. AF Times 43:1+ Oct 11 '82

Report on SP drug abuse disputed. Don Mace. AF Times 43:12 Aug 30 '82

Report on the (MajGen John H.) Russell conference (May 11-14, 1982, Quantico, VA). MarCor Gaz 66:47 Aug '82

Some drug use discharges will be upgraded. Tom Philpott. AF Times 43:2 Sep 13 '82

Teen-age drug use: The White House war that parents are running. illus Govt Exec pt 1, 14:13+ Sep '82; pt 2, White House stop-drug-use program--why the emphasis is on marijuana. 14:22-23+ Oct '82; pt 3, Government's anti-drug-use program: Fighting a 20 year trend. 14:23-24+ Nov-Dec '82

Tests of drug analysis kits stepped up. AF Times 42:3 May 31 '82

UCMJ (Uniform Code of Military Justice) bill would stiffen sentences. Martha Lynn Craver. AF Times 42:3 Jul 12 '82

DRUGS - ContinuedLaws and Regulations

DOD to outline military role in drug war. AF Times 42:13 Feb 1 '82

Field to get drug policy change soon. Don Mace. AF Times 42:2 Feb 15 '82

Increased drug-bust aid held taxing by services. Tom Philpott. AF Times 43:7 Dec 27 '82

NORML (National Organization for the Reform of Marijuana Laws) to fight mass urinalysis. AF Times 42:2 Feb 15 '82

Stiffer penalties for drug use seen. Tom Philpott. AF Times 42:1+ May 17 '82

DRY DOCKS see DocksDUAL-BASING see DeploymentDUAL COMPENSATION

Retirees owe \$3.1M under Dual Comp(ensation) Law. AF Times 42:1+ Jun 14 '82

DUNN, Robert F.

Whole Navy must be ready to fight a war. Excerpts from remarks, Naval Reserve change of command ceremony, Oct 21, 1982. illus por Officer 58:14-16 Dec '82

DURHAM, Archer L.

MTMC names (BrigGen Archer L. Durham) new Vice-Commander. por Translog 13:20 Mar '82

DUTY AND RESPONSIBILITY, MILITARY

Effects of role multiplicity on U.S. Army personnel. M.C. Devilbiss and Carolyn C. Perrucci. tabs J Pol & Mil Sociol 10:1-13 Spring '82

Exodus or entrenchment: The Catholic dilemma of duty. LCDR John N. Petrie. Nav War Col Rev 35:69-76 Jul-Aug '82

Leadership by example: A key to mission success. TIG Brief 34:5 Jul 9 '82

Releasing official's responsibility. TIG Brief 34:6 Dec 20 '82

E C C M see Electronic Counter-Countermeasures

E C M see Electronic Countermeasures

E F T S see Electronic Funds Transfer System

E L I N T see Intelligence, Electronic

E S M see Electronic Warfare Support Measures

E S P see Extrasensory Perception

EARS

Effect of flight on the Eustachian tube function and the tympanic membrane system--a follow-up study. Peter Groth and others. tabs Aviation, Space & Envt Med 53:360-364 Apr '82

EARTHQUAKES see Disasters

EAST, John P.

Law makers & law enforcers discuss domestic terrorism. Sen John East. Intl Sec Rev 7: 79-98 Spring '82

EASTERBROOK, Ernest F.

Training on the 'roof of the world.' MajGen Ernest F.Easterbrook. illus Army 32:25-28 Jan '82

ECCLES, Henry E.

How logistics systems behave. RADM Henry E. Eccles, Ret. Address, SOLE 11th Annual Symposium, Valley Forge, PA, 17 Aug 1976. Log Spectrum 16:31-34 Summer '82

Logistics--what is it? RADM Henry E.Eccles, Ret. Reprinted from U.S. Naval Institute Proceedings, 1953. Log Spectrum 16:10-16 Summer '82

Military procurement. RADM Henry E.Eccles, Ret. Log Spectrum 16:35-36 Summer '82

Notes on war potential. RADM Henry E.Eccles, Ret. Log Spectrum 16:17-18 Summer '82

Strategy flexibility and logistics. RADM Henry E.Eccles, Ret. Paper, Institute of the Aerospace Sciences Navy National Aviation Meeting, San Diego, CA, 22 Aug 1961. Log Spectrum 16:19-23 Summer '82

Technology, responsibility, and discipline in a free society. RADM Henry E.Eccles, Ret. Log Spectrum 16:24-30 Summer '82

ECOLOGY see Environment

ECONOMIC AID TO FOREIGN COUNTRIES

Africa, South

Constraints on superpower intervention in Sub-Saharan Africa. Robert J.Lilley. map Parameters 12:63-75 Sep '82

ECONOMIC ANALYSIS

Economic analysis in the military communications/electronics environment. Thomas P. Frazier and Francis J.Henry, Jr. illus tabs Signal 37:27-33 Sep '82

The economic evaluation of military training programs. Peter G.Sassone. illus tabs Def Mgt J 18:38-42 Fourth Quarter '82

Getting a handle on co\$t. Maj Edward L. Parkinson. illus AF Engrg & Svcs Qtr 23:20-24 Summer '82

ECONOMIC WARFARE

The crisis builds up. LtCol I.Garbuzov. Soviet Mil Rev No.9:42-43 Sep '82

Financing international terrorism. M.K.Pilgrim. Intl Sec Rev 7:47-68 Spring '82

Let's rethink our relationship with Japan. John F.Smith III. Mil Elect/Countermeasures 8:32-33 Sep '82

ECONOMICS

Balancing environmental and economic concerns. L.H.Blakey. illus Mil Engr 74:270-273 Jul-Aug '82

The decision to end the draft: Economics vs sociology. Maj Robert H.Baldwin. Jt Persp 3:58-69 Summer '82

North-South relations in the 1980s. Theodore H.Moran. Nav War Col Rev 35:23-32 Sep-Oct '82

The problem of refugees in a strategic perspective. H.Eugene Douglas. Strat Rev 10: 11-20 Fall '82

EDUCATION

Education and antagonism to protest. Robert L.Hall and Saul F.Rosenthal. tabs J Pol & Mil Sociol 9:73-82 Spring '81

Europe, Western

European overview: Competition, education, taxation. Franz A.P.Frisch. illus tabs Concepts pt 1, 5:7-44 Winter '82; pt 2, Comparative investment patterns. 5:14-38 Spring '82

United States

The bachelor and the computer. MajGen O.F. Peatross, Ret. illus MarCor Gaz 66:16-18 Dec '82

(Congressional) Budget Office considers GI Bill, other incentives. AF Times 42:14 Mar 29 '82

Difficulty ahead for meeting requirement--scientific illiteracy serious problem. James W.Lucas. Excerpted from speech, ROA National Convention, San Juan, PR, Jun 1982. illus Officer 58:21-23 Aug '82

EDUCATION - ContinuedUnited States - Cont'd

Education supplement. AF Times 42:12p sup
opposite p 32 Apr 12 '82; sup opposite
p 36 Sep 13 '82

Future directions in business logistics edu-
cation. James B. Wiley and James Low. Log
Spectrum 16:9-12 Spring '82

GAO to Congress: Weigh alternatives to GI
Bill. Paul Smith. AF Times 42:4 Feb 8 '82

Graduate logistics education requirements--
an individual perspective. Benjamin S.
Blanchard. illus Log Spectrum 15:9-13
Winter '81

HASC (House Armed Services Committee) report
states GI Bill needed--now. AF Times 42:9
Jun 14 '82

House (Armed Services Committee) Panel okays
GI Bill. AF Times 42:12 May 24 '82

House (Armed Services Subcommittee on Mili-
tary Personnel and Compensation) Panel
faces GI Bill showdown. AF Times 42:20
May 3 '82

House (Armed Services Subcommittee on Military
Personnel and Compensation) Panel OKs GI
Bill. AF Times 42:3 May 10 '82

House (Armed Services Subcommittee on Mili-
tary Personnel and Compensation) Panel seen
giving GI Bill okay. Martha Lynn Craver.
AF Times 42:1+ Apr 19 '82

Impact aid up in air over matter of how much.
Laurie Parker. AF Times 42:4 Jan 4 '82

Keep pushing for the GI Bill. Esther Curtis
and F. Clifton Berry, Jr. Interview. illus
tab AF Mag 65:80-81 Oct '82

Korb wants a hold on new GI Bill plan. Martha
Lynn Craver. AF Times 42:1+ Mar 22 '82

(Lawrence J.) Korb: Cap likely, but 'compara-
bility' ahead. por AF Times 42:7 May 24 '82

The need for an integrated logistics disci-
pline. Richard A. Lancioni and William Demp-
sey. Log Spectrum 16:5-7 Spring '82

Overdue student debts--many may have pay
withheld. Paul Smith. AF Times 43:1+ Dec 20
'82

Schedule sets tuition aid rules. AF Times
42:3 May 17 '82

Schools to receive impact aid soon. AF
Times 42:4 Feb 8 '82

Service tinkering is hurting GI Bill. Larry
Carney. AF Times 42:3 Mar 8 '82

EDUCATION (DEPENDENTS)

DODDS (Department of Defense Dependents
Schools). SSgt Victoria Mouze. illus Sol-
diers 37:20-24 Aug '82

GAO: DODDS needs tighter control over money
and supplies. AF Times 43:10 Nov 22 '82

EDUCATION (DEPENDENTS) - Continued

Impact aid up in air over matter of how much.
Laurie Parker. AF Times 42:4 Jan 4 '82

The little red schoolhouse overseas. Beth
Stephens. illus tabs Defense/82, pp 13-17,
Dec '82

Military families may face school crises.
Paul Smith. AF Times 42:4 Mar 15 '82

Proposed DODDS (Department of Defense Depen-
dents Schools) move to DOE (Department of
Education) draws fire. AF Times 43:10
Dec 27 '82

Schedule sets tuition aid rules. AF Times
42:3 May 17 '82

Schools to receive impact aid soon. AF
Times 42:4 Feb 8 '82

EDUCATION, MILITARY see
Education, Scientific
Education, Technical
Education and Training

EDUCATION, SCIENTIFIC

See also
Medical Education Program

Air Force--U.S.

AFIT: The technical challenge. Capt Phil
Lacombe. illus AF Mag 65:78-83 Feb '82

United States

Difficulty ahead for meeting requirement--
scientific illiteracy serious problem.
James W. Lucas. Excerpted from speech, ROA
National Convention, San Juan, PR, Jun
1982. illus Officer 58:21-23 Aug '82

EDUCATION, TECHNICAL

See also
Medical Education Program

Air Force--U.S.

See also
Air Force Technical Training Centers
Community College of the Air Force

AFIT: The technical challenge. Capt Phil
Lacombe. illus AF Mag 65:78-83 Feb '82

Details of the new USAF airspace management
course. TIG Brief 34:4 Mar 5 '82

Dissatisfied with tech training? Tell some-
one. TIG Brief 34:21 Mar 5 '82

Investigation courses offered. TIG Brief
34:17 Jul 23 '82

New USAF airspace management course. MajGen
Richard A. Burpee. TIG Brief 34:3 Mar 5 '82

EDUCATION, TECHNICAL - ContinuedArmy--U.S.

Missile electronics: A training update. Frank Egner. illus Air Def Mag, pp 29-30, Apr-Jun '82

PAR (Pulse Acquisition Radar) flat panel system simulator. Linda Pirino Ross. illus Air Def Mag, pp 21-23, Jan-Mar '82

Preparing for the invisible war. Hal Gershaff and John Haystead. illus J of Elect Def 5:34-43 Nov '82

Training electrical professionals: A top priority in the Corps of Engineers. William E. DeWitt. illus Mil Engr 74:462-464 Nov-Dec '82

Navy--U.S.

Shiphandling and piloting training Ohio style. CAPT Theodore F. Davis, Ret. illus US Nav Inst Proc 108:101-102 Feb '82

Soviet Union

The Soviet engineer: Fulcrum for developing Soviet industry. Lt Michael F. Papirtis. tabs illus Mil Engr 74:442-447 Nov-Dec '82

United States

Engineering education: Facilities and faculty are problems. J. David Hellums. tabs Mil Engr 74:427-429 Nov-Dec '82

EDUCATION AND TRAINING

See also
On-the-Job Training
Training Aids
also specific types of centers and schools, e.g.,
Medical Centers and Schools
Transportation Centers and Schools
also as a subdivision under specific subjects, e.g.,
Pilots--Education and Training

Air Force--Egypt

Egyptian Air Force: Ready when needed. F. Clifton Berry, Jr. illus tab AF Mag 65:49-55 Jan '82

Air Force--U.S.

See also
Air Force Academy
Air Force Institute of Technology
Air Force Technical Training Centers
Air Training Command
Airman Education and Commissioning Program
Community College of the Air Force
Extension Course Institute
Flight Training
Leadership and Management Development Center
Officer Training School
Squadron Officer School
also subdivision Education and Training under the following subjects, e.g.,
Air Crews
Pilots

EDUCATION AND TRAINING - ContinuedAir Force--U.S. - Cont'd

AFOSI Academy opens doors. illus AF Times 43:5 Oct 18 '82

Airlift Operations School--building a think-war attitude. Col Ray D. Reaves. illus Airlift Ops Rev 4:20-22 Apr-Jun '82

Castle (AFB, CA): The second time around. Capt Jerry D. Horne. illus Combat Crew 32:10-11 Dec '82

The education factor. Gen Thomas M. Ryan, Jr. illus AF Mag 65:39-41 Feb '82

Grow your own engineers. 2dLt James Aldrich. illus AF Engrg & Svcs Qtr 23:31-33 Fall '82

Hands-on training . . . the need has never been greater. SMSgt Art Hanrahan and MSgt Peter Engles. illus AF Engrg & Svcs Qtr 23:4-5 Fall '82

The junior officer of the 1980s: The situational professional. Capt James H. Slagle. tabs AU Rev 33:90-96 Nov-Dec '81

Looking at ourselves: Common training deficiencies. TIG Brief 34:16 Jan 22 '82

Lowry Technical Training Center, Lowry AFB, CO, Commander. Interview. MajGen Titus C. Hall. por illus Navigator 29:9-12 Spring '82

Minimizing the impact of support taskings. LtGen Howard W. Leaf. TIG Brief 34:2 Jul 9 '82

Prime BEEF training update. Maj S. Brian McCluskey. illus AF Engrg & Svcs Qtr 23:6-7 Fall '82

Professional designation for cost analysts and price analysts. Roland D. Kankey. AF Compt 16:38-39 Jan '82

Project Warrior launched. Leonard Famiglietti. AF Times 42:1+ Mar 1 '82

RDF Red Flag. LtCol Mike Nelson. illus USAF Ftr Wpns Rev, pp 5-8, Summer '82

SAC trains the way it would fight. Maj Bruce Eickhoff. illus AF Mag 65:62-66 Feb '82

SNCOA improves course for nonresident students. Don Mace. AF Times 42:7 Jun 28 '82

Special Experience Identifiers (SEIs) for airspace managers. TIG Brief 34:15 Apr 30 '82

Think and fly like the enemy. F. Clifton Berry, Jr. illus AF Mag 65:36-41 Apr '82

Training for deterrence. LtGen George D. Miller. por Combat Crew 32:2-3 Mar '82

WASP (Women's Airforce Service Pilots) with a "fifinella heart." John R. Klick. illus Aerosp Hist 29:31-33 Mar '82

What every commander and supervisor should know about the CCAF. Col Lyle E. Darrow. TIG Brief 34:1-2 Feb 19 '82

EDUCATION AND TRAINING - ContinuedArmed Forces

Marksmanship training made modern. illus Natl Def 66:48-49 Mar '82

Simulators: The European experience. Paul A. Chadwell. illus Natl Def 66:28-31 Mar '82

Armed Forces--Australia

We must train junior leaders for the brutal reality of war. Col J.O.Langtry. Pac Def Rep 9:41-42 Oct '82

Armed Forces--China (People's Republic)

Training on the 'roof of the world.' MajGen Ernest F.Easterbrook. illus Army 32:25-28 Jan '82

Armed Forces--Soviet Union

For effective combat training. Grigory G. Borisov. illus Soviet Mil Rev No.11:12-15 Nov '82

Armed Forces--U.S.

DOD: ROTC dropouts owe money or service. AF Times 42:3 Mar 22 '82

The economic evaluation of military training programs. Peter G.Sassone. illus tabs Def Mgt J 18:38-42 Fourth Quarter '82

Education supplement. AF Times 42:12p sup opposite p 32 Apr 12 '82; sup opposite p 36 Sep 13 '82

GAO review shows FLEP (Funded Legal Education Program) easing lawyer shortage. Tom Philpott. AF Times 43:4 Oct 11 '82

JFCC (Joint Firepower Control Course). Capt Guy C.Swan III. Infantry 72:38-39 Nov-Dec '82

The professional designation in logistics management. Warren S.Barnes. tabs Log Spectrum 16:17-19 Fall '82

Winter training. LtCol Richard A.Dixon. Infantry 72:29-31 Nov-Dec '82

Army--Germany (West)

German/United States--field artillery interoperability training. Maj Louis J.Hansen. illus Fld Arty J 50:8-12 May-Jun '82

Army--Great Britain

Educating for the profession of arms: USMA West Point and RMA Sandhurst. Cathy Downes. RUSI J for Def Studies 126:33-39 Dec '81

Army--Soviet Union

Ivan has training problems. Arthur W.Master III. illus Armor 91:31-34 May-Jun '82

Psychological training of motorised infantrymen. Col N.Sysoyev. illus Soviet Mil Rev No.10:36-37 Oct '82

Soviet advanced armor officer training. Maj William L.Howard and Andrew W.Hull. illus Armor 91:23-25 Sep-Oct '82

EDUCATION AND TRAINING - ContinuedArmy--U.S.

See also
Armored Centers and Schools
Army Air Defense School
Army Aviation Centers and Schools
Army Field Artillery School
Command and General Staff College
Military Academy, West Point, NY

An alternate AH-1 TOW Training System. Capt Bruce Coons. illus USA Avn Dig 28:38-41 Feb '82

Army air defense simulators. Robert Chalmers. illus NATO's Fifteen Nations Special Issue No.1:104+ '82

Army aviation systems program review '82. MajGen Carl H.McNair, Jr and Capt Josef Reinsprecht. illus por USA Avn Dig pt 1, 28:38-44 Jun '82; pt 2, Concepts, doctrine and tactics panel. 28:8-13 Jul '82; pt 3, Organization and force structure panel. 28:36-39 Sep '82; pt 4, The training panel. 28:2-8 Oct '82; pt 5, The materiel panel. 28:9-13 Oct '82

The assault. Capt Paul L.Conway. Infantry 72:19-23 Nov-Dec '82

Backup for survival. Cols Paul A.Slater and John A.Seitz. illus Fld Arty J 50:24-27 Sep-Oct '82

The bayonet. John P.Garzone. tab Infantry 72:34-36 Mar-Apr '82

CH-47 operations in Central & South America. Capt Dennis Patrick and others. illus USA Avn Dig 28:9-11 Sep '82

Chain training. MajGen John R.Galvin. Infantry 72:17-18 Sep-Oct '82

Charge! (Bayonet assault course taught at Ft Benning, GA) illus Army 32:34-35 Jul '82

Cohesion is watchword is trailblazing B Co. Capt Lawrence M.Gehlausen and LtCol Frederick W.Timmerman, Jr. illus Army 32:54-56+ May '82

Command and Staff College selection procedures. USA Avn Dig 28:29 Nov '82

Don't red X helicopters--an endangered advantage. Maj Everette L.Roper, Jr. USA Avn Dig 28:42-46 Mar '82

Educating for the profession of arms: USMA West Point and RMA Sandhurst. Cathy Downes. RUSI J for Def Studies 126:33-39 Dec '81

Education. illus Soldiers 37:27-32 Jan '82

FORSCOM (Forces Command) hones as it modernizes. Gen Richard E.Cavazos. illus Army 32:34-39 Oct '82

The Four Day War: TCADD's response to field commanders. Capt Steve Boyer. illus Fld Arty J 50:18-20 Jan-Feb '82

German/United States--field artillery interoperability training. Maj Louis J.Hansen. illus Fld Arty J 50:8-12 May-Jun '82

EDUCATION AND TRAINING - ContinuedArmy--U.S. - Cont'd

- How mechanics grow. Tom Kiddoo. illus Soldiers 37:10-11 Sep '82
- Jungle rappelling. MSgt Dave Goldie. illus Infantry 72:31-33 Nov-Dec '82
- Knights train for the night. Maj Frank L. Carson and CW3 Owen D. Scruggs. illus USA Avn Dig 28:3-5 Sep '82
- Maximizing training payoffs. LtCol John W. Braden, Jr and Maj V. Paul Baerman. Mil Rev 62:2-11 Sep '82
- Mountain stevedores. Maj Otto W. Jessen. illus Translog 13:10-12 Mar '82
- NTC's (National Training Center) desert 'Reds' ready for all comers. Wayne Hair. illus Army 32:36-38 Apr '82
- 1981 U.S. Army Aviation Training Symposium/policy committee meeting. Maj Kirk M. Knight and Robert L. Ledbetter. USA Avn Dig 28:22-24 Apr '82
- One-on-one tactical training. Jerry D. Freeble and others. Infantry 72:30-34 May-Jun '82
- Precommand courses for logisticians. LtCol Paul H. Fournia. illus Army Log 14:9-11 Jan-Feb '82
- Reserve training. Capt Robert D. Matteson. illus Fld Arty J 50:36-38 Nov-Dec '82
- SPAS (Skill Performance Aids): The training manager's new tool. Maj Albert B. Cheatham, Ret. Fld Arty J 50:36-37 Mar-Apr '82
- The school comes to you--IPD (Institute for Professional Development). Tom Kiddoo. illus Soldiers 37:12-13 Sep '82
- Scope and nature of the ADA (Air Defense Artillery) Officer Basic Course. 1stLt Robert H. Sellman III. illus Air Def Mag, pp 32-34, Jan-Mar '82
- Simulators gain with the Army. W.D. McGlasson. illus Natl Def 66:39-44 Mar '82
- The soldier-machine connection. Peter D. Weddle. illus tab Mil Rev 62:60-68 Jan '82
- Squad training. Maj David J. Ozolek. Infantry 72:16-18 Nov-Dec '82
- Sustainment training. Infantry 72:23-29 May-Jun '82
- TRADOC in forefront--guide during period of major transition. Gen Glenn K. Otis. illus Army 32:42-44 Oct '82
- TV and integrated gunnery training. Maj Robert Heritsch. illus Armor 91:8-11 Sep-Oct '82
- Teaching women to soldier: The LaBarge touch. Sandra L. Beckwith. illus Army 32:44-47 Mar '82
- Terrain: Let's not just add a multiplier. Maj Richard G. Johnson. illus Mil Rev 62:38-42 Jan '82
- To achieve cohesion in combat units--think small, start now and accept the costs. Col Robert E. Conroy. illus Army 32:18-21 Jul '82

EDUCATION AND TRAINING - ContinuedArmy--U.S. - Cont'd

- Training logistics units successfully. LtCol Cary D. Allen. Army Log 14:16-18 Nov-Dec '82
- Training support package teaches military ethics. Ch(Maj) Richard H. Whaley. Air Def Mag, pp 25-26, Jul-Aug '82
- Training the food service professional. Florence I. Dunn. illus Army Log 14:32-35 Mar-Apr '82
- Training--the key ingredient. Maj Harold J. Brecher and CW3 Robert E. Browning. USA Avn Dig 28:36-37 Feb '82
- The U.S. Army: An overview. illus Mil Tech 6:15-16+ Oct '82
- U.S. Army NTC (National Training Center) advances realism in battalion-level training. John W. O'Keefe and Karla Frandson. illus Def Elect 14:52+ Jun '82
- The U.S. Army training system and the modern battlefield. LtCol Franklin Y. Hartline. illus Mil Rev 62:2-11 Feb '82
- U.S. Army Transportation School, Ft. Eustis, (VA). MajGen Harold I. Small. illus Translog 13:10-13 Apr '82
- Who's going to teach aviators how to fight? LtCol James W. Lloyd. illus USA Avn Dig 28:6-9 Feb '82
- Why leave training to amateurs? Sgt1C Paul D. Hanson. illus Mil Rev 62:40-44 May '82
- The wishing well--or what I hope is going on in Army aviation. Gen Hamilton H. Howze, Ret. illus por USA Avn Dig 28:2-5 Feb '82
- Women warriors: Exploring the new integration of women into the military. Byron D. Greene III and Kenneth L. Wilson. illus tabs J Pol & Mil Sociol 9:241-254 Fall '81

Directories

- (Army) schools and centers. Army 32:224-225 Oct '82
- (Army) training centers. Army 32:225 Oct '82

Coast Guard--U.S.See also

Coast Guard Academy, New London, CT

- An Eagle at sea (Coast Guard Academy tall ship Eagle). Larry Baker. illus Def Trans J 38:34-37 Jun '82

Marine Corps--U.S.See also

Marine Corps Development and Education Command

- AWS (Amphibious Warfare School): A warrior's shield. Maj J. J. Holly. illus MarCor Gaz 66:67-69 Aug '82

EDUCATION AND TRAINING - ContinuedMarine Corps--U.S. - Cont'd

Advanced aviation weapons training--USMC style. William P.Schlitz. illus AF Mag 65: 48-53 Feb '82

C&SC (U.S. Marine Corps Command and Staff College): Prospectus for the 1980s. LtCol Russel A.Emerson. illus tab MarCor Gaz 66:62-67 Aug '82

Current training and maneuver warfare. CW2 Bryan N.Lavender. illus MarCor Gaz 66:63-67 Feb '82

MAWTS-1: Aviation training at its best. LtCol C.L.Vermilyea and Maj R.C.Kindsfater. illus MarCor Gaz 66:54-59 May '82

MILES (Multiple Integrated Laser Engagement System). Maj J.A.Marlin. illus MarCor Gaz 66:24-25 Jun '82

Our dwindling training areas. Col Gerald H. Turley, Ret. illus MarCor Gaz 66:28-32 Jul '82

'This precious few...': The evolution of Marine recruit training. LtGen Victor H. Krulak, Ret. MarCor Gaz 66:48-55 Apr '82

Training to die. Capt Barry R.Fetzer. MarCor Gaz 66:24-25 Sep '82

History

Ideas and direction: Building amphibious doctrine. Capt Richard S.Moore. illus MarCor Gaz 66:49-58 Nov '82

National Guard--Air Force--U.S.

Local control narrows critical skills gap. illus Natl Guard 36:26-29 Oct '82

No corn on comm COB (Collocated Operating Base). SMSgt Gerald H.Smith. illus Air Reservist 34:12-13 Sep-Oct '82

Professional military education. Col Rodney Bricker. illus Air Reservist 34:8-9 Dec '81/Jan '82

Teaching Infantry to airmen. MSgt Ernie Husted, Jr. illus Natl Guard 36:24-27 Nov '82

Three states execute joint training exercises. illus Natl Guard 36:14-15+ Oct '82

National Guard--Armed Forces--U.S.

'There won't be time for post-mobilization training.' illus Natl Guard 36:20+ Dec '82

National Guard--Army--U.S.

Take a look at continuous annual training. LtGen Donald E.Rosenblum. illus Natl Guard 36:28-30 Nov '82

Three states execute joint training exercises. illus Natl Guard 36:14-15+ Oct '82

EDUCATION AND TRAINING - ContinuedNavy--Soviet Union

(Soviet Navy) training their personnel. Robert C.Suggs. illus US Nav Inst Proc 108:88-94 Oct '82

Navy--U.S.See also

Naval Academy, Annapolis, MD

An Australian looks at the Naval Academy. Lt J.V.P.Goldrick. illus US Nav Inst Proc 108:44-49 Apr '82

Did we learn anything from that exercise? Could we? Frederick Thompson. Nav War Col Rev 35:25-37 Jul-Aug '82

Shipboard simulation moves to sea. Paul Seidenman. illus Natl Def 66:24-27 Mar '82

Reserve Forces--Air Force--U.S.

Life cycle of a Form 40a. illus Air Reservist 34:10-11 Feb '82

No corn on comm COB (Collocated Operating Base). SMSgt Gerald H.Smith. illus Air Reservist 34:12-13 Sep-Oct '82

Preparing Reserve contingency force teams 39 days a year. Col J.P.Penn. illus AF Engrg & Svcs Qtr 23:10-11 Fall '82

Professional military education. Col Rodney Bricker. illus Air Reservist 34:8-9 Dec '81/Jan '82

Spirit to excel. LtCol Al Day. illus Air Reservist 34:4-5+ Sep-Oct '82

Reserve Forces--Armed Forces--U.S.

Time off for training: A guide to job rights. Capt Art House and SSgt Jean Albright. Air Reservist 34:8-9 Feb '82

Reserve Forces--Army--U.S.

RCPC's (Reserve Components Personnel and Administration Center) mission: Pretrained personnel. BrigGen Charles F.Briggs. illus Officer 58:14-16 Jul '82

Reserve training. Capt Robert D.Matteson. illus Fld Arty J 50:36-38 Nov-Dec '82

Seven goals provide guiding light. LtGen Julius W.Becton, Jr. illus Officer 58:12-14 Oct '82

Take a look at continuous annual training. LtGen Donald E.Rosenblum. illus Natl Guard 36:28-30 Nov '82

Reserve Officers Training Corps--Air Force--U.S.

A cadet corps tri-deputy organization. LtCol Patrick F.Maderia, Jr and Capt Conrad G. Bills. illus chart Educ J 24:41-44 AY '82/'83

EDUCATION AND TRAINING - ContinuedReserve Officers Training Corps--
Air Force--U.S. - Cont'd

Communication--key to an effective Commandant of Cadets and Cadet Corps Commander relationship. 2dLt Jim H. Crumpacker. illus Educ J 24:48-50 AY '82/'83

The importance of interpersonal relationships in teaching officership. Capt Kevin W. O'Callaghan. Educ J 24:25-26 AY '82/'83

Impromptu--a key for developing creativity and flexibility. Capt Marshall C. Pollard. Educ J 24:27-28 AY '82/'83

Officership in the Air Force. Capt John C. Sampson. illus Educ J 24:20-24 AY '82/'83

Officership training: A quest for excellence. Capt Peter U. Sutton. illus Educ J 24:13-19 AY '82/'83

The three dimensional case study (R^2-S^2). Capt Adrienne R. Campbell. Educ J 24:29-32 AY '82/'83

Two for the price of one (or how we doubled the amount of leadership training in the same amount of time). Maj George W. Greer. Educ J 24:45-47 AY '82/'83

Working together--getting things done. Capt Robert F. Henke. Educ J 24:33-36 AY '82/'83

EDUCATION AND TRAINING, OFF-DUTYArmed Forces--U.S.

Education supplement. AF Times 42:12p sup opposite p 32 Apr 12 '82; sup opposite p 36 Sep 13 '82

Army--U.S.

Education. illus Soldiers 37:27-32 Jan '82

EDUCATION-WITH-INDUSTRY PROGRAM see Training-with-Industry ProgramEDUCATIONAL LEVEL OF MILITARY PERSONNEL

Predicting attrition among non-high school graduate Army enlistees. James S. Blandin and James H. Morris. tabs Armed Forces & Soc 8:643-655 Summer '82

Services: 86 pct. of 'FY '82 recruits are HS grads. Tom Philpott. tabs AF Times 43:40 Dec 27 '82

EFFECTIVENESS REPORTS

Now is the time to use MBO. Maj B.E. Braswell. Armed Forces Compt 27:15-19+ Summer '82

Air Force

(LtGen Paul W.) Myers to stay in service pending Defense review. Leonard Famiglietti AF Times 43:3 Aug 2 '82

EFFECTIVENESS REPORTS - ContinuedAir Force - Cont'd

No action sought over medic's OER. AF Times 42:3 Jul 5 '82

Officer performance evaluation reg: Changes, alterations. John Ginovsky. AF Times 43:3 Nov 8 '82

You too can H.Q. (Highly Qualified). 1stLt Steven Roberts. Combat Crew 32:14-15 Mar '82

Army

Alexander Haig's White House officer efficiency reports--and some of his others. Benjamin F. Schemmer. illus Armed Forces J Intl 120:82-84+ Dec '82

Getting a clear picture: The civilian appraisal system. MSgt Mike Mason. Soldiers 37:36-38 May '82

Coast Guard

Productivity and the fitness report. Comdr Robert C. Isham. US Nav Inst Proc 108:81-84 Nov '82

Marine Corps

Performance evaluation: Another look; the inflation problem. LtCol Paul B. Goodwin and Maj Richard D. Burkett. MarCor Gaz 66:34-35 Jun '82

Reviewing officers' responsibilities. Maj David W. Haughey. MarCor Gaz 66:43+ Jun '82

Seven suggestions. LtCol P.D. Reissner, Ret. MarCor Gaz 66:39+ Jun '82

Support specialties suffer again. Col R.K. Davia. MarCor Gaz 66:48 Jun '82

EFFICIENCY

Application of scheduling heuristics to the USAF aircraft maintenance depot. LtCol Thomas D. Clark, Jr and 2dLt Joseph W. Adams, Jr. tabs AF J Log 6:10-14+ Winter '82

Competence as an ethical imperative. Lewis Sorley. illus Army 32:42-48 Aug '82

Department of Defense acquisition improvement program. Col G. Dana Brabson. illus tabs Concepts 4:54-75 Autumn '81

Human factors in weapon design: The performance gap. Jonathan Kaplan and John L. Miles, Jr. Concepts 4:76-89 Autumn '81

Is your office effective? TIG Brief 34:13-14 Dec 20 '82

Managing human resources in the '80s. David D. Acker. tabs Concepts 5:98-112 Winter '82

New efficiency program. illus AF Times 42:14 Jan 4 '82

EFFICIENCY - Continued

New strategies evolving at the Navy and Marine Corps exchange systems. Isadore Barmash. tab Interservice 2:42-47+ Winter '82

Time: Do we have control? TIG Brief 34:12 Jul 9 '82

EFFICIENCY RATINGS see Airman Performance Reports; Effectiveness Reports

EGYPT

Getting the message across (Cairo Military Exhibition and Conference on Strategic Directions). illus Def & For Aff 9:14-15+ Nov '81

Lack of pact delays Ras Banas buildup. AF Times 42:12 Jan 18 '82

Return to the Middle East--no 1: Some punji sticks in the Sinai sands. John Christie. illus map Pac Def Rep 8:22-23 Apr '82

Foreign RelationsIsrael

'Operation Ramon': Historic move to the Negev. Maj Karen McKay. illus map Army 32:46-49+ Apr '82

Social Life and Customs

Egypt. Karen E. Thuermer. illus Sergeants 20:28-29 Jan '82

EJECTIONSee also

Parachute Jumping

Mechanism of vertebral fracture in the F/FB-111 ejection experience. Bernard F. Hearon and others. tabs illus Aviation, Space & Envmt Med 53:440-448 May '82

So now we gotta bail out? Capt Patrick F. Nolan. Flying Safety 38:6-7 Aug '82

Temporal distortions and the ejection decision. LtCol Douglas M. Carson. Flying Safety 38:8-10+ Mar '82

Statistics

1981 ejection results in USAF. Rudolph C. Delgado. illus tabs Flying Safety 38:17-18 Apr '82

EJECTION EQUIPMENT

ACES II ejection seat. H. Engel, Jr and R.C. Brashears. illus tabs Flying Safety 38:8 Aug '82

Getting rid of the lid. MSgt William T. Smith. TAC Attack 22:4-5 Sep '82

EJECTION EQUIPMENT - Continued

The overly safe ejection seat. TAC Attack 22:25 Dec '82

Seat savvy. Cecilia Preble. illus Flying Safety 38:20-21 Nov '82

EL SALVADOR

Coping with El Salvador. Robert Wesson. maps Def Sci 2000+ 1:56-59 May-Jun '82

GAO: Troops in (El) Salvador got fire pay. Paul Smith. AF Times 43:12 Aug 16 '82

Strategic Importance

The El Salvador white paper and its critics. Mark Falcoff. AEI For Plcy & Def Rev 4, No.2:18-24 '82

Latin American navies. Robert L. Scheina. map illus US Nav Inst Proc 108:30-34 Mar '82

ELECTIONSSee also

Voting

Elections: Many House panel shifts. Martha Lynn Craver. AF Times 43:3 Nov 15 '82

PNG elections: Problems, personalities and prospects. Col C.H.A. East. Pac Def Rep 8:69-70+ Apr '82

The power tables: Significant elections and changes in governments in the past year. Regular feature in some issues of Defense & Foreign Affairs

ELECTRIC POWER

Electrical reduction in Army facilities. Larry M. Windingland. tabs Mil Engr 74:148-150 Apr '82

ELECTRIC PROPULSION

Now for the rail gun. Pac Def Rep 8:11 Feb '82

ELECTROMAGNETIC COMPATIBILITY

General (James W.) Stansberry. Interview. por illus J of Elect Def 5:49-58+ Jul '82

ELECTROMAGNETIC WAVESSee also

Radio Waves

Cnth?: On the strategic potential of ESP. Roger A. Beaumont. Signal 36:39-40+ Jan '82

EMP (ElectroMagnetic Pulse): An increasingly important nuclear weapons effect. Capt Jay C. Willis. illus tab Air Def Mag, pp 12-16, Jan-Mar '82

Electromagnetic pulse. Khurshid Ahmad Khan. Islamic Def Rev 7, No.2:16-18 '82

ELECTROMAGNETIC WAVES - Continued

Fast gas filled surge arresters for EMP (Electromagnetic Pulse) protection. K.G. Cook. illus J of Elect Def 5:49-51+ Aug '82

Laser radars. M.Ahmed. tabs Islamic Def Rev 7, No.2:19-23 '82

Meteor burst communications. Kenneth G.Gray. illus tabs Signal 36:125-126+ May-Jun '82

ELECTRONIC AIDS TO AVIATION

The GenAv "glass cockpit"--certification this summer. Chris Bulloch. illus Interavia 37:91-93 Jan '82

ELECTRONIC COUNTER-COUNTERMEASURES

Army digital microwave radio program. James E. Bartow. illus Signal 36:43-45 Apr '82

Defensive C³ countermeasures. Roy Jacobus. illus J of Elect Def 5:31-35 Jul '82

Electronic warfare in the land tactical communications environment. Adrian Turnbull and William Gosling. illus tabs Pac Def Rep 8:69-70+ May '82

Electronic warfare today. Mario de Arcangelis. illus Armada Intl (Special Issue I) 6:20+ May-Jun '82

New concepts in battlefield communications--part 1: Fast frequency hopping. P.E.Van. illus Intl Def Rev pt 1, 15, No.3:327-330 '82; pt 2: Slow/medium frequency hopping. Gowri S.Sundaram. 15, No.5:559-563 '82

Ship-borne radars--recent developments. Robert van Tol. illus Armada Intl 6:22+ Sep-Oct '82

A Soviet view of ECM and ECCM (Excerpted from Radar Anti-Jamming Techniques, by M.V.Maksimov, et al) J of Elect Def 5: 53-60 Jan '82

UHF (Ultra High-Frequency) antijam protection now--HAVE QUICK. LtCol Galen J.Rose. illus tab Signal 36:35-40 Apr '82

Equipment

Cat and mouse in the age of electronics. Col Norman L.Dodd. illus Pac Def Rep 9: 44-45 Aug '82

ELECTRONIC COUNTERMEASURES

See also
Jamming

The AN/ALQ-135 supportable survivability for the F-15 Eagle. V.J.Battaglia and T.W. Benard. illus J of Elect Def 5:55-59 Apr '82

ASPJ (Airborne Self Protection Jammer)--a unique defense procurement program. Neil W.Hansen. illus J of Elect Def 5:31-36 Feb '82

ASPJ (Airborne Self-Protection Jammer) update counters the changing threat. Alan S.Kaufman and Daniel Rice. illus Mil Elect/Countermeasures 8:25-26 Oct '82

ELECTRONIC COUNTERMEASURES - Continued

Airborne electronic warfare systems in Europe. Gowri S.Sundaram and Mark Hewish. illus Intl Def Rev 15, No.2:221-226 '82

Automatic ESM (Electronic Support Measures) systems--past, present, future. Alan Sock. tab J of Elect Def 5:39-43+ Feb '82

Chaff (for blinding radar): EW's window of vulnerability. David Harvey. Def & For Aff 9:31-32 Nov '81

The challenge of electronic warfare. LtGen Lawrence A.Skantze. illus por AF Mag 65: 71-73 Jul '82

Command, control, and communications. Regular feature in some issues of Military Electronic/Countermeasures

Conflict in the ether: Disrupt, delay, destroy. Eric C.Ludvigsen. illus Army 32:22-24+ Jun '82

Covert/passive air defense sensors: A new approach to air defense. Mike Maxfield. illus Air Def Mag pt 1, pp 6-9, Apr-Jun '82; pt 2, pp 15-18, Jul-Sep '82

The deadly game: Search radar versus aircraft. Edwin M.Drogin. illus Def Elect 14:56-57+ Aug '82

3
Dr. Eberhardt Rechtin: C is the heart of any war in space. Martha Smith. illus Mil Elect/Countermeasures 8:9-10+ Nov '82

ECM in the Falklands War proves its point the hard way. ADM Thomas H.Moorer and Alvin J.Cottrell. illus Mil Elect/Countermeasures 8:48-49 Nov '82

The ECM pod. Romano Fiore. illus tabs Mil Tech 6:109-110+ Oct '82

The EF-111: A fox on the prowl. SSgt Craig Pugh. illus Airman 26:16-21 Aug '82

EW "scorekeeper" monitors proficiency--Martin Marietta Aerospace introduces the AN/MSR-(), a significant step in EW training and evaluation. J.Kummer and W.Espenlaub. illus Def Elect 14:38+ Jun '82

Electronic warfare: A key ingredient for "speechlessness." MajGen Albert N.Stubblebine III. illus Signal 36:13-17 Apr '82

Electronic warfare: A page from a war scenario. illus Asian Def J No.1:58-62 Jan '82

Electronic warfare in the land tactical communications environment. Adrian Turnbull and William Gosling. illus tabs Pac Def Rep 8:69-70+ May '82

Electronic warfare--the year in retrospect. C.G.Heath. Pac Def Rep 8:239-241 Dec '81/ Jan '82

Electronic warfare today. Mario de Arcangelis. illus Armada Intl (Special Issue I) 6:20+ May-Jun '82

French have countermeasure to anti-ship missiles; U.S. Navy/NATO one fails test. Benjamin F.Schemmer. illus Armed Forces J Intl 119:30+ Jul '82

ELECTRONIC COUNTERMEASURES - Continued

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 65:102-103 Mar '82

High ERP (Effective Radiated Power) phased array ECM systems. Murray Simpson. illus tabs J of Elect Def 5:41-49 Mar '82

Higher ERP (Effective Radiated Power) with lens fed multibeam arrays. D.H.Archer and A.A.Black. illus tabs J of Elect Def 5:51-58+ Mar '82

Human performance can drastically affect critical systems operation. Theodore Doll and others. illus tab Mil Elect/Countermeasures 8:50-53 Nov '82

Indication of microwave propagation--a development in stealth technology. George Gibbs. illus Asian Def J No.1:74-75 Jan '82

It's post time for C³CM. Col Francis P.Dube. J of Elect Def 5:25-26+ Jul '82

Jamming Jerry's radar. Horace Corigliano. illus J of Elect Def 5:64-65 Dec '82

Meteor burst communications. Kenneth G.Gray. illus tabs Signal 36:125-126+ May-Jun '82

NATO C³, IFF, and EW being upgraded. illus Def Elect 14:50+ May '82

New ESM system for Australian destroyers. Chris Heath. illus Pac Def Rep 8:82+ Apr '82

New hardware. Regular feature in some issues of Military Electronics/Countermeasures

New Navy EW R&D directions. Lyn Cosby. illus J of Elect Def 5:26-27+ Dec '82

An overview of surface Navy ESM/ECM development. Richard D.Curtis. illus J of Elect Def 5:27-38 Mar '82

The radar warning story. illus Asian Def J No.1:70-72 Jan '82

SINCGARS (Single Channel Ground and Airborne System): The Army's new frequency hopping jam resistant combat net radio. Col Edward R.Baldwin, Jr. illus Signal 37:21-25 Nov '82

Soviet radioelectronic combat. LtCol D.B. Lawrence. illus AF Mag 65:88-91 Mar '82

A Soviet view of ECM and ECCM (Excerpted from Radar Anti-Jamming Techniques, by M.V.Maksimov, et al) J of Elect Def 5: 53-60 Jan '82

Tactical jamming: A new role for the F-111. Sgt George Fillgrove. illus Mil Elect/Countermeasures 8:28+ Feb '82

Taking a new look at naval needs after the Falklands. Julian S.Lake. illus Def Elect 14:71-72+ Oct '82

What about Jack? An emergence of battlefield ECM in the Marine Corps. Maj John H. Daly III. illus J of Elect Def 5:25-29 Jun '82

ELECTRONIC COUNTERMEASURES - ContinuedEquipment

Cat and mouse in the age of electronics. Col Norman L.Dodd. illus Pac Def Rep 9: 44-45 Aug '82

History

Origins of ECM in the Air Force. Frank Voltaggio, Jr. illus J of Elect Def 5:34-36+ Jun '82

Statistics

The ECM pod. Romano Fiore. illus tabs Mil Tech 6:109-110+ Oct '82

ELECTRONIC DATA PROCESSING SYSTEMSSee also

Computers
Digital Equipment

ABIDES (Automated Budget Integrated Data Environment Systems) (HQ USAF) and CBAS (Command Budget Automated System) (MAJCOMs/ SOAs). Carol Wadleigh and CMSgt Vern Lucas, Ret. AF Compt 16:22-23 Jul '82

ADP and the manager: A beginner's look. LCDR R.A.Bobulinski. Armed Forces Compt 27:40-42 Summer '82

ADP (Automated Data Processing) acquisition strategy: Why Air Force is going for a "1.5-step" DSARC (Defense Systems Acquisition Review Council). illus Govt Exec 14:20+ Sep '82

Air Force C³CM data base production: An electromagnetic combat success multiplier. Clarence K.Davis and Douglas L.Christianson. illus J of Elect Def 5:121-124 Oct '82

Air Force computer security program. TIG Brief 34:19 Nov 29 '82

Base level data automation--a new dawning! Col Stephen M.Hunt. AF Compt 16:6-8 Jul '82

Computer processing: Data entry and processing alternatives. TIG Brief 34:11-12 Mar 19 '82

Data processing installations: Potential for fraud, waste, and abuse. TIG Brief 34:10 Jan 22 '82

Directorate of Computer Resources. Regular feature in issues of Air Force Comptroller

Division level data entry device. Graham H. Seibert. illus Army Log 14:17-19 May-Jun '82

In-house ADP (Automated Data Processing)--the resource manager's perspective. Vincent A. Lauter, Jr. Armed Forces Compt 27:34-35+ Summer '82

The lessons learned field trip program. TIG Brief 34:3-4 Apr 2 '82

ELECTRONIC DATA PROCESSING SYSTEMS - Continued

Local area network improves real time intelligence systems. William D. Livingston. illus Def Elect 14:68+ Dec '82

Logistics information "management support" system. Col Robert E. Frank and Capt James P. Totsch. AF J Log 6:5-6 Fall '82

Managing the space shuttle's paperwork. illus Govt Exec 14:42-45 Nov-Dec '82

The Ocean Surveillance Information System (OSIS). VADM Samuel L. Gravely, Jr., Ret. illus Signal 37:30+ Oct '82

The paper maze. Roderick M. Bricksin. Armed Forces Compt 27:18-20 Fall '82

Phase IV program (Air Force-wide program to replace obsolete base level computer systems with state-of-the-art technology). BrigGen Avon C. James. illus tabs AF Compt 16:3-5+ Jul '82

Software and hardware reliability: There is a difference! TIG Brief 34:12 Jul 23 '82

Will your operations be ready when the computer goes down? TIG Brief 34:10 Jul 23 '82

Yes sir! General machine, sir! LtCol Frederick W. Timmerman, Jr. illus Army 32:30-33 Jan '82

Maintenance and Repair

Remote diagnostics in improving field service productivity. Donald F. Blumberg. illus tab Log Spectrum 16:38-48 Winter '82

ELECTRONIC EQUIPMENT

See also specific types of Equipment,
e.g.,
Computers
Detection Equipment
Electronic Receiving Equipment
Electronic Transmitting Equipment
Semiconductor Devices

ATE (Automatic Test Equipment): Trends in communications/microwave test instruments. Asad M. Madni and Stanley M. Wolf. illus Mil Elect/Countermeasures 8:15-18+ Jun '82

Budget cuts miss most electronics programs. Richard Hartman. illus tabs Def Elect 14:125-126+ Oct '82

C³: Progress and developments. CDR R. Robinson Harris. illus US Nav Inst Proc 108:114-117 Dec '82

Cat and mouse in the age of electronics. Col Norman L. Dodd. illus Pac Def Rep 9:44-45 Aug '82

The challenge of electronic warfare. LtGen Lawrence A. Skantze. illus por AF Mag 65:71-73 Jul '82

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

ELECTRONIC EQUIPMENT - Continued

Consumer electronics: Hi-tech/hi-ticket selling. Mike Michels. illus Interservice 2:49-50+ Fall '82

Defense electronics focus. Regular feature in issues of Defense Electronics

Deterioration of stored scheme materiel. TIG Brief 34:9 May 28 '82

The Dutch defense electronics and optronics industry. Mark Hewish. illus Intl Def Rev 15, No. 11:1555-1561 '82

EW threat simulator validates software. William H. McMillan. illus tabs Def Elect 14:101-102+ Oct '82

Electronic scanning: The potential for management information. Eugene E. Gerke. tab Interservice 2:39-46 Spring '82

Fast gas filled surge arresters for EMP (Electromagnetic Pulse) protection. K.G. Cook. illus J of Elect Def 5:49-51+ Aug '82

Filtering connectors meet the challenges of EMI (ElectroMagnetic Interference). Thomas Howell. illus Def Elect 14:93+ May '82

Ground based electronic warfare. illus Asian Def J No. 6:76+ Jun '82

High ERP (Effective Radiated Power) phased array ECM systems. Murray Simpson. illus tabs J of Elect Def 5:41-49 Mar '82

Higher ERP (Effective Radiated Power) with lens fed multibeam arrays. D.H. Archer and A.A. Black. illus tabs J of Elect Def 5:51-58+ Mar '82

Industry news. Regular feature in issues of Defense Electronics

International report. Regular feature in issues of Journal of Electronic Defense

MIC (Microwave Hybrid Integrated Circuit) packages for strategic and tactical EW systems. Northe K. Osbrink. illus J of Elect Def 5:109-110+ Oct '82

Marketing directory update. Def Elect 14:87-88 Jul '82

Meeting the challenge . . . reprogrammable tactical air EW systems support. R.E. Smiley and J.E. Caruthers. illus J of Elect Def 5:91-92+ Oct '82

Military electronics in Israel: Second World requirements but a Third World economy. Gowri S. Sundaram. illus Intl Def Rev 15, No. 1:59-66 '82

Military integrated circuits directory. 10th ed. tabs Mil Elect/Countermeasures 8:IC1-38 Feb '82

Military integrated circuits directory. 11th ed. tabs Mil Elect/Countermeasures 8:23+ Aug '82

ELECTRONIC EQUIPMENT - Continued

New hardware. Regular feature in some issues of Military Electronics/Countermeasures

New technology antenna pedestal systems. Walter J. Kozacky. illus J of Elect Def 5:54-58+ Nov '82

1982 (4th annual) Defense Electronics Marketing Directory and Buyers' guide. Def Elect 14:51-52+ Mar '82

Plessey Australia--an expanding defence company. Charles Marshall. illus Pac Def Rep 8:35-43 Mar '82

Portable spectrum analyzers answer rugged environment requirements. Russell Brown and Morris Engelson. illus Mil Elect/Countermeasures 8:44-47 Oct '82

Project Raven (tactical communications system) takes off. Lionel Hudson. illus Pac Def Rep 9:55+ Oct '82

R&D roundup. Regular feature in issues of Defense Electronics

Technology news. Regular feature in issues of Military Electronics/Countermeasures

U.S. Army NTC (National Training Center) advances realism in battalion-level training. John W. O'Keefe and Karla Frandson. illus Def Elect 14:52+ Jun '82

VLSI (Very Large Scale Integrated) architectures for armament and avionic systems. Michael Andrews and others. illus J of Elect Def 5:45-49 Feb '82

Varo's depot missile launcher tester. Bernard Cole. illus Mil Elect/Countermeasures 8:108-110 Feb '82

Characteristics

Laser air situation display. W. Thust. illus Armada Intl 6:52-54+ Jan-Feb '82

Militarized array processor builds on commercial design experience. John Swenson. illus Mil Elect/Countermeasures 8:34-37 Sep '82

Design

Survivable display terminals for the tactical nuclear environment. Clay Burdick. illus tab Mil Elect/Countermeasures 8:46-47+ Mar '82

Directories

Military computer and computer peripherals directory. Mil Elect/Countermeasures 8:65-74 Jun '82

Exhibitions

AFCEA 82--new technologies for satcom and HF. Gowri S. Sundaram. illus Intl Def Rev 15, No. 8:1073-1076 '82

Communications '82. Col Norman L. Dodd, Ret. illus Asian Def J No. 7:62+ Jul '82

ELECTRONIC EQUIPMENT - ContinuedExhibitions - Cont'd

Hanover--a place of action. Felix Muller. illus Armada Intl 6:112+ Jul-Aug '82

Hanover '82--the rebirth of MEDE? (International Defense Electronics Expo IDEE, formerly MEDE) Laina Farhat. illus Mil Elect/Countermeasures 8:56-57 Jul '82

IDEE (International Defence Electronics Expo) '82--a good show fighting for survival. illus Intl Def Rev 15, No. 7:895-904 '82

Ordnance, not EW, held the limelight at Defendory '82. Laina Farhat. illus Mil Elect/Countermeasures 8:48-49 Dec '82

Systems and components share this year's AOC spotlight. illus Mil Elect/Countermeasures 8:44+ Sep '82

Hardening

Is VLSI vulnerable to radiation failures? tab Def Elect 14:51-52 Jul '82

Maintenance and Repair

Cool that electronics package. Keats A. Pullen, Jr. Signal 37:39-43 Sep '82

Interactive TV teaches Navy technicians electronic maintenance. illus J of Elect Def 5:67-68 Sep '82

Remote diagnostics in improving field service productivity. Donald F. Blumberg. illus tab Log Spectrum 16:38-48 Winter '82

Reliability

EMP (ElectroMagnetic Pulse): An increasingly important nuclear weapons effect. Capt Jay C. Willis. illus tab Air Def Mag, pp 12-16, Jan-Mar '82

Will your operations be ready when the computer goes down? TIG Brief 34:10 Jul 23 '82

Study and Teaching

EW "scorekeeper" monitors proficiency--Martin Marietta Aerospace introduces the AN/MSR-(), a significant step in EW training and evaluation. J. Kummer and W. Espenlaub. illus Def Elect 14:38+ Jun '82

Interactive TV teaches Navy technicians electronic maintenance. illus J of Elect Def 5:67-68 Sep '82

Testing

Automatic test equipment: The critical need for early planning. George W. Neumann. illus Concepts 5:82-92 Spring '82

Digital test onsite: A growing concern. Dennis H. Chesney. illus Log Spectrum 15:20-24 Winter '81

ELECTRONIC EQUIPMENT - ContinuedTesting - Cont'd

EW "scorekeeper" monitors proficiency-- Martin Marietta Aerospace introduces the AN/MSR-(), a significant step in EW training and evaluation. J.Kummer and W.Espenlaub. illus Def Elect 14:38+ Jun '82

Serial bus analyzer simplifies systems testing. Robert E.Benn and others. illus Def Elect 14:72-74+ May '82

ELECTRONIC EQUIPMENT (AIRCRAFT)

The AN/ALQ-135 supportable survivability for the F-15 Eagle. V.J.Battaglia and T.W. Benard. illus J of Elect Def 5:55-59 Apr '82

Airborne electronic warfare systems in Europe. Gowri S.Sundaram and Mark Hewish. illus Intl Def Rev 15, No.2:221-226 '82

Aircraft survivability equipment--from the lab to the field. George B.Hendon III. illus J of Elect Def 5:46-53 Apr '82

Army Aviation: The combat multiplier. Maj Donald L.Trent. illus Infantry 72:18-21 Mar-Apr '82

Bistatic air-to-surface radar advances. Lt Michael J.Wolfe. illus Mil Elect/Countermeasures 8:97-98 Feb '82

EW and the British aerospace Tornado. illus J of Elect Def 5:60-61 May '82

Electronic warfare--the year in retrospect. C.G.Heath. Pac Def Rep 8:239-241 Dec '81/ Jan '82

Heliborne Electronic Warfare System (HEWS). Col Robert S.Fairweather, Jr. illus USA Avn Dig 28:38-39 Apr '82

INS (Inertial Navigation System)/DNS (Doppler Navigation System): Does it really work or is it magic? Maj Edward K.Whisman and Capt Robert E.Mustard. Combat Crew pt 1, 32:23-24 Jan '82; pt 2, 32:18-19 Feb '82

Improved ASPJ (Airborne Self-Protection Jammer) beats schedule production to start in 1984. illus Def Elect 14:102-104 Sep '82

Inertial navigation systems. C.G.Heath. illus Pac Def Rep 8:63-67 Feb '82

(KC)-135 onboard computer. Fuel savings and take off data, too! tabs illus Combat Crew 32:18-21 Oct '82

Ku-band digitally tuned oscillator will soon be available for systems designers. Cuong M.Pham and others. illus tabs Def Elect 14:46+ Feb '82

Listen when Arnie (ARN-101 system) speaks. Maj Bob French. tab illus USAF Ftr Wpns Rev, pp 9-12, Summer '82

Multicolour electronic displays for combat aircraft. Pierre Condom. illus Interavia 37:901-902 Sep '82

ELECTRONIC EQUIPMENT (AIRCRAFT) - Continued

New avionics, mil standards increase aircraft capabilities. illus Def Elect 14:34+ Sep '82

New hardware. Regular feature in some issues of Military Electronics/Countermeasures

Rhino brain transplant (F-4 now modified with the Digital Target Intercept Computer (LRU-1)). Capt Tom Graves. illus USAF Ftr Wpns Rev, p 13+, Summer '82

Rhino's new bullet: The AIM-7F (recent Digital LRU-1 modification). Capt John Barry. illus USAF Ftr Wpns Rev, pp 18-20, Summer '82

The role of precise time in IFF (Identification of Friend or Foe). William M.Bridge. tabs illus Mil Elect/Countermeasures 8:53-54+ Apr '82

Tactical jamming: A new role for the F-111. Sgt George Fillgrove. illus Mil Elect/Countermeasures 8:28+ Feb '82

Testing

Generic flight line test set. John Haystead. illus J of Elect Def 5:58 Sep '82

Sperry building ALR-74 test set. Hal Gershanoff. illus J of Elect Def 5:59+ Sep '82

ELECTRONIC EQUIPMENT (SHIPS)

Electronic warfare--the year in retrospect. C.G.Heath. Pac Def Rep 8:239-241 Dec '81/ Jan '82

European shipboard EW market. Kathryn J. Custance and John S.Haystead. illus J of Elect Def 5:28-30+ May '82

How exocet sank the HMS Sheffield. David M.Russell. illus Def Elect 14:38+ Jul '82

MULTOTS (Multiple Units Link Test and Operational Training System): Data link readiness through testing. Tom W.Goad. illus Mil Elect/Countermeasures 8:53-55 Mar '82

The naval electronics gap. Christopher Glenn. illus tabs Mil Elect/Countermeasures 8:29-30+ Mar '82

Navy combat effectiveness multiplies with systems integration. Robert L.Wendt. illus Def Elect 14:65-67 Apr '82

Navy shipboard EW quick fix. RADM A.A.Gallotta. illus tabs J of Elect Def 5:36-42+ Apr '82

New ESM system for Australian destroyers. Chris Heath. illus Pac Def Rep 8:82+ Apr '82

New Navy EW R&D directions. Lyn Cosby. illus J of Elect Def 5:26-27+ Dec '82

Passive ESM for the Patrol Hydrofoil Missile fleet. R.K.Halstead and C.O.Wordell. illus J of Elect Def 5:47-50+ Jun '82

Sail-by-wire safety. David Harvey. illus Def & For Aff 10:28-29 Nov '82

ELECTRONIC EQUIPMENT (SHIPS) - Continued

Ship-borne radars--recent developments.
Robert van Tol. illus Armada Intl 6:22+
Sep-Oct '82

Silence is golden--or is it? illus Mil Elect/
Countermeasures 8:28-30 Oct '82

Submarine electronics. Bodo Holtfoht and
Frank Paschke. illus Armada Intl (Special
Issue 1) 6:27-28+ May-Jun '82

ELECTRONIC EQUIPMENT (SPACE VEHICLES)

(LtGen Richard C.) Henry: Focus on safe space
electronics. Leonard Famiglietti. Interview.
illus por AF Times 43:27+ Nov 1 '82

One step forward--three steps backup: Com-
puting in the U.S. space program. Patrick
Stakem. illus tab Mil Elect/Countermeasures
pt 1, 7:65-69 Dec '81; pt 2, 8:70+ Jan '82

Space-hardened microelectronics bring new
advances. D.Howard Phillips. illus Mil
Elect/Countermeasures 8:76-78 Aug '82

ELECTRONIC EQUIPMENT, MINIATURE

Field artillery computers. Ian V.Hogg. illus
NATO's Fifteen Nations 27:56+ Aug-Sep '82

LCC (Leadless Chip Carrier) advantages prom-
ise many electronic applications. Jeffrey
Wilkinson. illus tabs Def Elect 14:65-68+
Feb '82

Military integrated circuits directory. 10th
ed. tabs Mil Elect/Countermeasures 8:IC1-38
Feb '82

Military integrated circuits directory. 11th
ed. tabs Mil Elect/Countermeasures 8:23+
Aug '82

Military microcircuit activity. Regular fea-
ture in issues of Military Electronics/
Countermeasures

The V bus: Standardizing interconnection of
VHSIC chips. D.B.Bennett. illus Mil Elect/
Countermeasures 8:68-70 Apr '82

ELECTRONIC FUNDS TRANSFER SYSTEM

DD/EFTP (Direct Deposit/Electronic Fund
Transfer Program) allotment payments
authorized. TIG Brief 34:12 Feb 19 '82

Mandatory sure pay plan eyed for newcomers.
Leonard Famiglietti. AF Times 42:2
Mar 22 '82

ELECTRONIC INDUSTRY AND TRADE

Airborne electronic warfare systems in
Europe. Gowri S.Sundaram and Mark Hewish.
illus Intl Def Rev 15, No.2:221-226 '82

Communications-electronics digest, monthly
review of developments. Regular feature in
issues of Signal

Industry news. Regular feature in issues of
Defense Electronics

ELECTRONIC INDUSTRY AND TRADE - Continued

International report. Regular feature in
issues of Journal of Electronic Defense

The JAN microcircuit qualification program:
Industry's viewpoint. Richard Aria. tabs
Mil Elect/Countermeasures 8:67-69 Jan '82

New products and technology. Regular feature
in some issues of Interavia

View from the top. (Interviews with outstand-
ing executives in the electronic field)
Regular feature in issues of Military
Electronics/Countermeasures

Warfare on Wall Street. Regular feature in
issues of Journal of Electronic Defense
beginning with January 1982

Directories

Marketing directory update. Def Elect 14:
87-88 Jul '82

Military integrated circuits directory. 11th
ed. tabs Mil Elect/Countermeasures 8:23+
Aug '82

1982 (4th annual) Defense Electronics Market-
ing Directory and Buyers' guide. Def Elect
14:51-52+ Mar '82

Australia

Plessey Australia--an expanding defence com-
pany. Charles Marshall. illus Pac Def Rep
8:35-43 Mar '82

Great Britain

Aerospace electronics fears belied by climb-
ing sales. illus tab Interavia 37:798-799
Aug '82

Israel

Military electronics in Israel: Second World
requirements but a Third World economy.
Gowri S.Sundaram. illus Intl Def Rev 15,
No.1:59-66 '82

Netherlands

The Dutch defense electronics and optronics
industry. Mark Hewish. illus Intl Def Rev
15, No.11:1555-1561 '82

United States

Defense electronics focus. Regular feature
in issues of Defense Electronics

Electronics industry can anticipate strong
growth in 1983. Harry V.Martin. tabs
Mil Elect/Countermeasures 8:28-31 Dec '82

Picking the right custom IC solution. Steve
Szirom. illus Def Elect 14:96-101 Sep '82

Select AOC committee looks at U.S. EW indus-
trial base. J of Elect Def 5:46-51 Jan '82

ELECTRONIC INDUSTRY AND TRADE - ContinuedUnited States - Cont'dDirectories

Military integrated circuits directory. 10th ed. tabs Mil Elect/Countermeasures 8:IC1-38 Feb '82

ELECTRONIC INTELLIGENCE see Intelligence, Electronic

ELECTRONIC RECEIVING EQUIPMENT

EW "scorekeeper" monitors proficiency-- Martin Marietta Aerospace introduces the AN/MSR-(), a significant step in EW training and evaluation. J.Kummer and W.Espenlaub. illus Def Elect 14:38+ Jun '82

Monochannel direction finding improves monopulse technique. Douglas E.Klaus and Richard P.Hollis. illus Def Elect 14:35-38+ Mar '82

ELECTRONIC RESEARCH

AEA (American Electronics Association) comes out against R&D set-asides. Lisé Lovell. illus Mil Elect/Countermeasures 8:36-37 May '82

Budget cuts miss most electronics programs. Richard Hartman. illus tabs Def Elect 14:125-126+ Oct '82

Keys to success in C³I. BrigGen Bernard L. Weiss. Signal 36:52-54 Aug '82

New tax benefits for military electronics R&D. Robert Feinschreiber. Mil Elect/Countermeasures 8:105-106 Feb '82

P³I--Pre-Planned Product Improvement. MajGen Donald M.Babers. illus Signal 36:11-12+ Jul '82

R&D roundup. Regular feature in issues of Defense Electronics

VHSIC: Midterm report on a dynamic circuit program. Robert M.Vanderheiden. illus tabs Def Elect 14:54+ Feb '82

VLSI (Very Large Scale Integrated) architectures for armament and avionic systems. Michael Andrews and others. illus J of Elect Def 5:45-49 Feb '82

VUV (Vacuum UltraViolet) chemical deposition: A new way to apply IC (Integrated Circuits) materials. A.R.Calloway. illus Mil Elect/Countermeasures 8:32-33 Jun '82

Very high speed integrated circuits--into the second generation. Jim Martin. illus Mil Elect/Countermeasures pt 1, The birth of a program. 7:52+ Dec '81; pt 2, Entering Phase I. 8:60-63+ Jan '82; pt 3, The chip sets: Some concerns and considerations. 8:83-86+ Feb '82; pt 4, The radiation challenge. 8:40+ Mar '82; pt 5, The issues of standardization and technology insertion. 8:66-67 Apr '82

Video teleconferencing for crisis applications. Clinton W.Kelly III. illus Signal 36:27-29+ Jul '82

What's happening in electronics at ESD--a checklist of major electronics projects (as of Jun 1, 1982). AF Mag 65:74-79 Jul '82

ELECTRONIC SECURITY COMMAND

Electronic Security Command. illus chart por AF Mag 65:94-95 May '82

Wizard warriors (Comfy Olympics tests). SSgt Lorenzo D.Harris. illus Airman 26:8-12 Apr '82

ELECTRONIC SWITCHING see Switching Systems

ELECTRONIC SYSTEMS DIVISIONSee also

Rome Air Development Center

Revitalizing defense industries: The DOD-industry partnership. LtGen James W.Stansberry. Def Mgt J 18:2-6 First Quarter '82

What's happening in electronics at ESD--a checklist of major electronics projects (as of Jun 1, 1982). AF Mag 65:74-79 Jul '82

ELECTRONIC TRANSMITTING EQUIPMENT

Higher ERP (Effective Radiated Power) with lens fed multibeam arrays. D.H.Archer and A.A.Black. illus tabs J of Elect Def 5:51-58+ Mar '82

ELECTRONIC WARFARESee also

Electronic Counter-Countermeasures

Electronic Countermeasures

Electronic Warfare Support Measures

Air defence on the battlefield. Rudolf Walter. illus tabs NATO's Fifteen Nations 27:108+ Oct-Nov '82

Automatic ESM (Electronic Support Measures) systems--past, present, future. Alan Sock. tab J of Elect Def 5:39-43+ Feb '82

The challenge of the new era in EW--DOD/AOC '82. Gerald Green. J of Elect Def 5:52-53 Dec '82

Command, control, and communications. Regular feature in some issues of Military Electronic/Countermeasures

3

Dr. Eberhardt Rechtin: C is the heart of any war in space. Martha Smith. illus Mil Elect/Countermeasures 8:9-10+ Nov '82

EW training solution: Simulation. William D. Turner. J of Elect Def 5:29+ Sep '82

Electronic combat: New imperatives for effective operations/intelligence interface. MajGen John B.Marks. TIG Brief 34:1-2 Jul 23 '82

Electronic warfare: A key ingredient for "speechlessness." MajGen Albert N.Stubblebine III. illus Signal 36:13-17 Apr '82

Electronic warfare begins to fly. Thomas Glakas. Def & For Aff 9:29-30+ Nov '81

Electronic warfare in the land tactical communications environment. Adrian Turnbull and William Gosling. illus tabs Pac Def Rep 8:69-70+ May '82

ELECTRONIC WARFARE - Continued

Electronic warfare today. Mario de Arcangelis. illus Armada Intl (Special Issue I) 6:20+ May-Jun '82

The Falklands and Lebanon reinforce EW lessons. MajGen James E. Freeze, Ret. por Mil Elect/Countermeasures 8:67 Aug '82

Ground based electronic warfare. illus Asian Def J No.6:76+ Jun '82

Industry news. Regular feature in issues of Defense Electronics

International report. Regular feature in issues of Journal of Electronic Defense

Militarized array processor builds on commercial design experience. John Swenson. illus Mil Elect/Countermeasures 8:34-37 Sep '82

Problems of radio DF (Direction Finding) in electronic warfare. Capt Jürgen Wächter. illus Armada Intl 6:41-42+ Mar-Apr '82

Sea-based remotely piloted vehicles: Issues and concepts. Charles Henderson. illus Mil/Elect Countermeasures pt 1, 8:61-64 Apr '82; pt 2, 8:45-47 May '82

Select AOC committee looks at U.S. EW industrial base. J of Elect Def 5:46-51 Jan '82

Some strategic implications of breakthroughs in C³I. George H. Quester. Signal 36:25-28+ Mar '82

Soviet radioelectronic combat. LtCol D.B. Lawrence. illus AF Mag 65:88-91 Mar '82

Tactical jamming: A new role for the F-111. Sgt George Fillgrove. illus Mil Elect/Countermeasures 8:28+ Feb '82

Trends in electronic warfare trainers. H.R. Puckett. illus tab J of Elect Def 5:31-34+ Sep '82

USAF plans major new training facility (at Maxwell Air Force Base, AL). J of Elect Def 5:23 Feb '82

Warfare on Wall Street. Regular feature in issues of Journal of Electronic Defense beginning with January 1982

Equipment

Digital processing technology for EW systems. W.H. Osborne II. illus J of Elect Def 5:56-59+ Dec '82

EW and the British aerospace Tornado. illus J of Elect Def 5:60-61 May '82

Study and Teaching

Simulating the modern electronic battlefield. Terry E. Bibbens. Def Mgt J 18:16-21 Third Quarter '82

ELECTRONIC WARFARE - ContinuedAustralia

Electronic warfare--the year in retrospect. C.G. Heath. Pac Def Rep 8:239-241 Dec '81/Jan '82

New ESM system for Australian destroyers. Chris Heath. illus Pac Def Rep 8:82+ Apr '82

Great Britain

UK air defence--a NATO necessity. AVM P.R. Harding. Hawk, pp 15-26, Feb '82; NATO's Fifteen Nations Special Issue No.1:54-55+ '82

Israel

Lebanon proved effectiveness of Israeli EW innovations. illus Def Elect 14:41-42+ Oct '82

N A T O

Counter C³--NATO's approach. Gen Richard L. Lawson. illus por J of Elect Def 5:41-44 May '82

Electronic warfare begins to fly. Thomas Glakas. Def & For Aff 9:29-30+ Nov '81

Intelligence support in NATO: An operator's viewpoint. Col Robert H. Seh, Jr and LtCol John P. Lang. illus J of Elect Def 5:51-54 May '82

NATO EW--areas for cooperation. V. Garber. J of Elect Def 5:45-48 May '82

Soviet Union

Soviet radio electronic combat and the U.S. Navy. LCDR Guy Thomas. Nav War Col Rev 35:16-24 Jul-Aug '82

Soviets' fight-to-win doctrine incorporates radio electronic combat. LCDR Guy Thomas. illus Mil Elect/Countermeasures 8:36+ Dec '82

United States

The AOC (Association of Old Crows) looks at the threat: An update on the AOC's EWTSC (Electronic Warfare Technical Study Committee). Hal Gershanoff. Interview. illus J of Elect Def 5:75-76+ Oct '82

ASPJ (Airborne Self-Protection Jammer) update counters the changing threat. Alan S. Kaufman and Daniel Rice. illus Mil Elect/Countermeasures 8:25-26 Oct '82

Air Force C³CM data base production: An electromagnetic combat success multiplier. Clarence K. Davis and Douglas L. Christianson. illus J of Elect Def 5:121-124 Oct '82

Air Force generic threat simulator. illus J of Elect Def 5:43 Sep '82

ELECTRONIC WARFARE - ContinuedUnited States - Cont'd

³
C CM: Progress and outlook. MajGen Doyle E. Larson. Def Mgt J 18:6-10 Third Quarter '82

³CM--the next major Pentagon buzz word? Raymond T. Tate. Signal 36:19-21 Apr '82

The challenge of electronic warfare. LtGen Lawrence A. Skantze. illus por AF Mag 65: 71-73 Jul '82

Conflict in the ether: Disrupt, delay, destroy. Eric C. Ludvigsen. illus Army 32:22-24+ Jun '82

The EF-111: A fox on the prowl. SSgt Craig Pugh. illus Airman 26:16-21 Aug '82

ESM vs SIGINT and the EW battle. MajGen James E. Freeze, Ret. por J of Elect Def 5:21-22 Jun '82

The electronic battlefield. Maj Joseph A. George. illus Jt Persp 2:96-101 Spring '82

Electronic combat: The threat drives the response. Gen Robert T. Marsh. por AF Mag 65:62+ Jul '82

Electronic combat: Warfare of the future. Kelly H. Burke. illus Armed Forces J Intl 120:52-54 Dec '82

Electronic warfare: A page from a war scenario. illus Asian Def J No.1:58-62 Jan '82

Electronic warfare begins to fly. Thomas Glakas. Def & For Aff 9:29-30+ Nov '81

Extending the horizon. Norman Polmar. illus US Nav Inst Proc 108:121-124 Dec '82

FY '82 budget EW/C³CM . . . and beyond. CAPT J.D. Meyer and John M. Porter. illus tab J of Elect Def 5:31-35 Apr '82

Heliborne Electronic Warfare System (HEWS). Col Robert S. Fairweather, Jr. illus USA Avn Dig 28:38-39 Apr '82

The impact on our future military capabilities with improved C³I. Gen W. DePuy, Ret. Signal 36:47-48 Aug '82

Meeting the challenge . . . reprogrammable tactical air EW systems' support. R.E. Smiley and J.E. Caruthers. illus J of Elect Def 5: 91-92+ Oct '82

Navy shipboard EW quick fix. RADM A.A. Gallotta. illus tabs J of Elect Def 5:36-42+ Apr '82

New Navy EW R&D directions. Lyn Cosby. illus J of Elect Def 5:26-27+ Dec '82

Of bears, weasels, ferrets and eagles. Col Harold E. Johnson. illus AU Rev 33:86-93 Jan-Feb '82

The role of precise time in IFF (Identification of Friend or Foe). William M. Bridge. tabs illus Mil Elect/Countermeasures 8: 53-54+ Apr '82

ELECTRONIC WARFARE - ContinuedUnited States - Cont'd

Shipboard EW systems--where we are; and how to proceed into the 1980's. Harold E. Cre-craft. illus J of Elect Def 5:61-66+ Mar '82

Silence is golden--or is it? illus Mil Elect/Countermeasures 8:28-30 Oct '82

Simulation--speculations for the future. J of Elect Def 5:44 Sep '82

A simulator for all systems. Hal Gershanoff. illus J of Elect Def 5:53-54+ Sep '82

Simulators play key role in EA-6B pilot training. Hal Gershanoff. illus J of Elect Def 5:60-62 Sep '82

Space: The new frontier for EW system development. John Haystead. illus J of Elect Def 5:65-66+ Oct '82

Status of Navy EW and C-C³. RADM Albert A. Gallotta, Jr. illus Signal 36:23-27 Apr '82

Tactical electronic combat in space. Maj Kirk B. Reed, Ret. illus J of Elect Def 5:47-52 Nov '82

Testing our EW capabilities. Maj B.B. Knutson. illus MarCor Gaz 66:61-65 May '82

USAF buys EF-111A trainer. Hal Gershanoff. illus J of Elect Def 5:63+ Sep '82

Warfare in the dark. E.K. Stodola. illus Signal 37:52-54 Oct '82

What about Jack? An emergence of battlefield ECM in the Marine Corps. Maj John H. Daly III. illus J of Elect Def 5:25-29 Jun '82

Equipment

Hope blossoms for speedier EW acquisition. MajGen James E. Freeze, Ret. illus por Mil Elect/Countermeasures 8:13+ Dec '82

History

Origins of ECM in the Air Force. Frank Voltaggio, Jr. illus J of Elect Def 5:34-36+ Jun '82

An overview of surface Navy ESM/ECM development. Richard D. Curtis. illus J of Elect Def 5:27-38 Mar '82

Study and Teaching

Electronic warfare training at Mather (AFB, CA). Capt Patrick Reynolds. illus Navigator 29:18-21 Spring '82

ELECTRONIC WARFARE SUPPORT MEASURES

ASPJ (Airborne Self-Protection Jammer) update counters the changing threat. Alan S. Kaufman and Daniel Rice. illus Mil Elect/Countermeasures 8:25-26 Oct '82

Airborne electronic warfare systems in Europe. Gowri S. Sundaram and Mark Hewish. illus Intl Def Rev 15, No.2:221-226 '82

ELECTRONIC WARFARE SUPPORT MEASURES - Continued

Automatic ESM (Electronic Support Measures) systems--past, present, future. Alan Sock. tab J of Elect Def 5:39-43+ Feb '82

Electronic warfare in the land tactical communications environment. Adrian Turnbull and William Gosling. illus tabs Pac Def Rep 8:69-70+ May '82

Hover jam: U.S. Army studies EW helicopter. Dan Boyle. illus Interavia 37:760-762 Aug '82

MEL introduces ESM (Electronic Support Measures) insurance. Stefan Geisenheyner. illus Def Elect 14:107-109 Jan '82

The naval electronics gap. Christopher Glenn. illus tabs Mil Elect/Countermeasures 8:29-30+ Mar '82

New ESM system for Australian destroyers. Chris Heath. illus Pac Def Rep 8:82+ Apr '82

New Navy EW R&D directions. Lyn Cosby. illus J of Elect Def 5:26-27+ Dec '82

An overview of surface Navy ESM/ECM development. Richard D.Curtis. illus J of Elect Def 5:27-38 Mar '82

Passive ESM for the Patrol Hydrofoil Missile Fleet. R.K.Halstead and C.O.Wordell. illus J of Elect Def 5:47-50+ Jun '82

Soviet radio electronic combat and the U.S. Navy. LCDR Guy Thomas. Nav War Col Rev 35:16-24 Jul-Aug '82

Soviets' fight-to-win doctrine incorporates radio electronic combat. LCDR Guy Thomas. illus Mil Elect/Countermeasures 8:36+ Dec '82

Equipment

Cat and mouse in the age of electronics. Col Norman L.Dodd. illus Pac Def Rep 9:44-45 Aug '82

European shipboard EW market. Kathryn J. Custance and John S.Haystead. illus J of Elect Def 5:28-30+ May '82

ELECTRONICSSee alsoAvionics

Defense electronics focus. Regular feature in issues of Defense Electronics

Logistics and defense custom electronics. Jerry W.Betts. Log Spectrum 15:25-27 Winter '81

Very high speed integrated circuits--into the second generation. Jim Martin. illus Mil Elect/Countermeasures pt 1, The birth of a program. 7:52+ Dec '81; pt 2, Entering Phase I. 8:60-63+ Jan '82; pt 3, The chip sets: Some concerns and considerations. 8:83-86+ Feb '82; pt 4, The radiation challenge. 8:40+ Mar '82; pt 5, The issues of standardization and technology insertion. 8:66-67 Apr '82

Study and Teaching

Missile electronics: A training update. Frank Egner. illus Air Def Mag, pp 29-30, Apr-Jun '82

ELECTRO-OPTICS

Electro optics--a major contribution to key advances in the Army. Marvin E.Lasser. J of Elect Def 5:31-32 Jan '82

Electro optics in EW--USAF EO/IR technology advances. illus J of Elect Def 5:42-45 Jan '82

EMOTIONSSee also

Fear
Panic

Emotional reactions to military aircraft accidents. David R.Jones. Aviation, Space & Envmt Med 53:595-598 Jun '82

EMPLOYMENT AND UNEMPLOYMENT

Army wants to increase kin job slots. Allen E.Carrier. AF Times 42:4 Jun 28 '82

Conflict of interest: Rules for retirees. Kathleen A.Buck. Defense/82, pp 12-15, Jan '82

4 solons want o'seas kin hiring ruling upheld. AF Times 42:11 Mar 1 '82

High court upholds foreign hiring bias. AF Times 42:3 Apr 12 '82

Joblessness linked to recruiting highs. Tom Philpott. tab AF Times 43:7 Oct 11 '82

Kin o'seas workers offered break on jobs. AF Times 42:12 May 31 '82

Retirement: Second career job search. Karen E.Thuermer. Sergeants 21:20-23 Oct '82

Supreme Court weighs base hiring overseas. AF Times 42:14 Mar 15 '82

Time off for training: A guide to job rights. Capt Art House and SSgt Jean Albright. Air Reservist 34:8-9 Feb '82

Unemployment aid ok'd for some ex-members. Martha Lynn Craver. AF Times 43:1+ Oct 18 '82

ENERGY BEAM WEAPONS see Beam WeaponsENERGY CONSERVATIONSee also

Computers--Energy Conservation Applications

Air Force energy conservation. TIG Brief 34:10 Apr 30 '82

Assuring DOD's fuel supply. William J. Sharkey, Jr. Defense/82, pp 18-21+, Mar '82

Conserving industrial energy. LtCol Ronald C. Cheatham. illus Army Log 14:14-15 Mar-Apr '82

Electrical reduction in Army facilities. Larry M.Windingland. tabs Mil Engr 74:148-150 Apr '82

ENERGY CONSERVATION - Continued

Energy engineering for a town-sized military base. Karl E. Scheuch. illus tabs Mil Engr 74:274-278 Jul-Aug '82

Framework for an Army fuel conservation program. Col Lewis J. McConnell and Maj Gary T. Downs. illus tab USA Avn Dig 28:8-11 Nov '82

Increasing efficiency in mobility fuels--an approach to energy conservation. Maj Johnny J. Grice and Capt John R. Morrisette. tabs illus USA Avn Dig 28:45-48 Jan '82

KC-135 fuel conservation--revisited. Capt J.H. Seader. tabs illus Combat Crew 32:26-27 Jan '82

A new role for motor carriers: Can the trucking industry survive the demands of a changing operating environment? Kenneth J. Larsen. Def Trans J 38:18-22 Apr '82

On-board computers save fuel and help ATC (Air Traffic Control). Chris Bulloch. illus tabs Interavia No.3:251-252 Mar '82

Polyurethane foam for roofs--saving costs and energy. Costas J. Logothetis. illus tabs Mil Engr 74:366-370 Sep-Oct '82

ENERGY CRISIS

Assuring DOD's fuel supply. William J. Sharkey, Jr. Defense/82, pp 18-21+, Mar '82

FUELEX games oil crunch in a crisis. illus Defense/82, pp 22, Mar '82

ENERGY DEPT

Congress concerned over transfer of DOE's nuclear programs to commerce. Benjamin F. Schemmer. Armed Forces J Intl 119:12+ Feb '82

ENERGY POLICYAustralia

Energy and defence: An expert appraisal. D.M. Hocking. tabs illus Pac Def Rep 9:19+ Sep '82

Europe, Western

The Soviet connection II: Moscow's dangerous pipeline to Europe. Richard N. Perle. Defense/82, pp 16-19, Feb '82

Soviet Union

Energy and the Soviet bloc. Thane Gustafson. tabs Intl Sec 6:65-89 Winter '81/'82

United States

Energy dollars diverted. AF Times 42:12 Mar 8 '82

Energy notes. Regular feature in issues of National Defense

ENERGY RESEARCH

Energy notes. Regular feature in issues of National Defense

ENERGY RESOURCES see Power Resources

ENGINEER CENTERS AND SCHOOLSAir Force

See also
Arnold Engineering Development Center

ENGINEERING

See also specific types of Engineering, e.g.,
Aeronautical Engineering
Civil Engineering
Military Engineering

America's engineering dilemma. Gen Thomas M. Ryan, Jr. illus Mil Engr 74:424-426 Nov-Dec '82

Engineer combat multipliers for the maneuver force. Col James R. Whitley and others. illus tabs Mil Rev 62:43-51 Sep '82

Engineering education: Facilities and faculty are problems. J. David Hellums. tabs Mil Engr 74:427-429 Nov-Dec '82

On omens & oracles (on whether to dig fighting positions for tanks). Col Gerald C. Brown. tab illus Mil Rev 62:52-56 Sep '82

ENGINEERS

America's engineering dilemma. Gen Thomas M. Ryan, Jr. illus Mil Engr 74:424-426 Nov-Dec '82

Implementation of the design-to-cost process. Michael R. Izzi. tabs illus Log Spectrum 16:18-25 Spring '82

Maintaining top cover for America (throughout Alaska). Capt Patrick M. Coullahan. illus AF Engrg & Svcs Qtr 22:40-43 Winter '81/'82

Managing professional engineers. Rich Johnson. Mil Engr 74:431-432 Nov-Dec '82

The Soviet engineer: Fulcrum for developing Soviet industry. Lt Michael F. Papirtis. tabs illus Mil Engr 74:442-447 Nov-Dec '82

Air Force

Engineers, scientists--AF devises bonus plan up to \$12,000 for staying. Leonard Famiglietti. AF Times 42:3 May 3 '82

Grow your own engineers. 2dLt James Aldrich. illus AF Engrg & Svcs Qtr 23:31-33 Fall '82

Motivating Air Force engineers. Capt Hal H. Rumsey. AF Engrg & Svcs Qtr 23:39-41 Fall '82

On the razor's edge of technology. Capts Anthony J. Kwan and J.D. Wilson. illus AF Engrg & Svcs Qtr 23:28-32 Spring '82

ENGINEERS - ContinuedAir Force - Cont'd

Only a Lieutenant. MSgt Art Barnes. illus
Airman 26:18-21 Jul '82

Two-year study: Lack of civil engineers
cited. John Ginovsky. AF Times 43:3
Dec 13 '82

Why be an Air Force engineer? John W. Demidovich and C.C. Crawford. AF Engrg & Svcs Qtr 23:34-35 Fall '82

Armed Forces

Engineer shortage critical--military alone can't solve problem, which is national in scope. Gen Robert T. Marsh. illus por Defense/82, pp 25-32, Jan '82

Scientist shortage plagues Services. AF Times 42:1+ Feb 1 '82

Army

The A/E's (Architects and Engineers) role in mobilization. Thomas H. Spencer. illus Mil Engr 74:435-440 Nov-Dec '82

Developing active duty Army PE's (Professional Engineers). Capt Kenneth W. Cargill. illus Mil Engr 74:448-450 Nov-Dec '82

Do combat engineers have a future? Col Theodore Vander Els. illus Mil Engr 74:202-205 May-Jun '82

A movement support detachment. Col V. Kholyavko. illus Soviet Mil Rev No. 10:26-27 Oct '82

Navy

The role of career development in meeting engineering staffing needs. Dolph Corradino. illus Def Mgt J 18:32-37 Fourth Quarter '82

ENGINES

See also specific types of Engines, e.g.,
Diesel Engines
Gas Turbines
Jet Engines
also subdivision Engines under specific subjects, e.g.,
Airplanes, Fighter--Engines
Airplanes, Military--Engines
Airplanes, V/STOL--Engines
Helicopters, Military--Engines

The adiabatic engine revolution. Col Herbert H. Dobbs and Walter Bryzik. illus Armor 91:16-21 Jan-Feb '82

Engines for combat vehicles. Col Samuel Myers tabs Armor 91:14-16 Nov-Dec '82

Engines for future combat aircraft: What's needed and what's achievable. Pierre Condom. illus Interavia 37:1050-1052 Oct '82

Full-authority digital engine control: British developments for aircraft applications. Mark Hewish. illus Intl Def Rev 15, No. 8:1037-1040+ '82

ENLISTED PERSONNELSee also

Airmen
Noncommissioned Officers
Soldiers

Chief for Enlisted Matters. Regular feature in issues of Air Force Comptroller

Commitment is the price we pay. CMSgt Arthur L. Andrews. illus por AF Mag 65:105-106 Sep '82

Many early-outs find door shut behind them. tabs AF Times 42:7 Apr 5 '82

Reviews set for involuntarily separated EM. AF Times 42:6 Mar 8 '82

Statistics

How Services compare in rate of advancement. tabs AF Times 42:4 May 10 '82

ENLISTMENT see Recruiting and Enlistment; Reenlistment

ENTEBBE RAID, 1976

Operation Jonathan: The rescue at Entebbe. LtCol Jonathan (Yoni) Netanyahu. Interview. maps Mil Rev 62:2-23 Jul '82

ENVIRONMENTSee also

Pollution

The Air Force, the community and the environment: The role of public affairs. LtCol John G. Terino. AF Engrg & Svcs Qtr 23:44-45 Summer '82

Balancing environmental and economic concerns. L.H. Blakey. illus Mil Engr 74:270-273 Jul-Aug '82

Ecology and the military overseas. LCDR Patrick A. Genzler. Jt Persp 3:88-100 Winter '82

The environmental technical information system. Ronald D. Webster. tabs Mil Engr 74:174-177 Apr '82

Maneuver training areas--an endangered species? Blair Case. illus Air Def Mag, pp 31-34, Apr-Jun '82

Noise impact prediction and control. Paul Schomer. illus Mil Engr 74:178-180 Apr '82

Our dwindling training areas. Col Gerald H. Turley, Ret. illus MarCor Gaz 66:28-32 Jul '82

Reforming environmental permit laws. Neil Orloff. illus Mil Engr 74:280-281 Jul-Aug '82

Technology, responsibility, and discipline in a free society. RADM Henry E. Eccles, Ret. Log Spectrum 16:24-30 Summer '82

ENVIRONMENT - ContinuedLaws and Regulations

Ecology and the military overseas. LCDR Patrick A. Genzler. Jt Persp 3:88-100 Winter '82

ENVIRONMENTAL PROTECTION AGENCY

EPA automates R&D management on a budget responsive basis. Govt Exec 14:58 Mar-Apr '82

ENVIRONMENTAL PROTECTION RESEARCH

See also related subjects, e.g.,
Clothing, Protective
Desert Operations

EQUAL EMPLOYMENT OPPORTUNITY see Equal Opportunity

EQUAL OPPORTUNITY

New regulation (AFR 40-1613) on discrimination complaints. TIG Brief 33:10 Dec 18 '81; Correction. 34:9 Jan 22 '82

Sexual harassment: A detriment to the mission. TIG Brief 34:6 Jun 25 '82

EQUIPMENT

See also subdivision Equipment under specific subjects, e.g.,
Airplanes, Military--Equipment

Weapon systems and equipment. Regular feature in issues of International Defense Review

Hardening

"The ability to fight & win." Maj Dean Bartel. illus AF Engrg & Svcs Qtr 22:44-46 Winter '81/'82

Testing

Automatic test equipment: The critical need for early planning. George W. Neumann. illus Concepts 5:82-92 Spring '82

Digital test onsite: A growing concern. Dennis H. Chesney. illus Log Spectrum 15: 20-24 Winter '81

Air Force--U.S.

Care of support equipment. TIG Brief 34:7 Apr 30 '82

Control of government property. TIG Brief 34:11-12 May 14 '82

War & peace--a firefighter's perspective. SMSgt Donald W. Warner. illus AF Engrg & Svcs Qtr 23:33-35 Spring '82

Maintenance and Repair

Care of support equipment. TIG Brief 34:7 Apr 30 '82

European workload program. TIG Brief 34:7 Mar 5 '82

Transportation maintenance and munitions. TIG Brief 34:11 Apr 16 '82

EQUIPMENT - ContinuedArmed Forces

Behind the blade: Supporting the cutting edge. Robert Jarman. illus Def & For Aff 10:6-8+ Oct '82

Foreign military developments. Regular feature in issues of National Defense beginning with January 1982

MILTECH news. Regular feature in some issues of Military Technology beginning with February 1982

Exhibitions

Farnborough bigger and brighter, but--(there were some notable absentees). Charles Wakeham. illus Pac Def Rep 9:9+ Oct '82

Armed Forces--Australia

The Australian armed forces--No.1: The Army. Pac Def Rep 8:207+ Dec '81/Jan '82

The Australian armed forces--No.2: RAN--1981/82. A.W. Grazebrook. illus Pac Def Rep 8:210-212+ Dec '81/Jan '82

The Australian armed forces--No.3: Busy times ahead for the RAAF. Pac Def Rep 8:213+ Dec '81/Jan '82

Armed Forces--EgyptExhibitions

Getting the message across (Cairo Military Exhibition and Conference on Strategic Directions). illus Def & For Aff 9:14-15+ Nov '81

Armed Forces--Germany (West)

Leopard 2 tank. Paul-Werner Krapke. illus tab Asian Def J No.3:58-61 Mar '82

Tactical requirements of heavy military cross-country vehicles. Col Günther Emme. illus Armada Intl (Special Issue II) 6: 2-4+ Sep-Oct '82

Armed Forces--Great Britain

British light armoured vehicles. MajGen Rowley Mans. illus Asian Def J No.12:92-93 Dec '82

Armed Forces--India

Asian land forces: 3--Pakistan-India: Comparison of military power. G. Jacobs. illus map tabs Asian Def J No.3:28-30+ Mar '82

Armed Forces--Malaysia

Malaysia's armed forces: Better fire power, conventional strategy. tab illus Asian Def J No.4:18-21 '82

Armed Forces--Pakistan

Asian land forces: 3--Pakistan-India: Comparison of military power. G. Jacobs. illus map tabs Asian Def J No.3:28-30+ Mar '82

EQUIPMENT - ContinuedArmed Forces--Soviet Union

Soviet military build-up and organisation. (Extracted from Soviet Military Power by U.S. Defense Dept) illus maps tabs Asian Def J No.3:40-45+ Mar '82

Technical support of a turning detachment. Col N.Shevchenko. Soviet Mil Rev No.9:37-38 Sep '82

Armed Forces--SwitzerlandExhibitions

Swiss military exhibition. illus Intl Def Rev 15, No.10:1463-1464 '82

Armed Forces--U.S.

Action 21: Standard operation and support systems. Col Walker A.Larimer. Concepts 5:50-59 Summer '82

Senate staffers in Korea hit housing, life quality. AF Times 42:7 Jan 25 '82

Testing

Severe service requires strenuous shock/vibration testing. Chet Gilbert and Herb LeKuch. illus tabs Mil Elect/Countermeasures 8:34+ Nov '82

Army--Australia

Project Raven (tactical communications system) takes off. Lionel Hudson. illus Pac Def Rep 9:55+ Oct '82

Army--Austria

The Steyr AUG 77 light weapon system. Jacques Lenaerts. illus Intl Def Rev 15, No.10:1421-1424 '82

Army--Great BritainExhibitions

BAEE (British Army Equipment Exhibition) 1982 minus big electronics. Felix Müller. illus Armada Intl 6:120+ Jul-Aug '82

BAEE 82 (British Army Equipment Exhibition)--Britain displays combat-proven army equipment. illus Intl Def Rev 15, No.8:1079-1082+ '82

British Army Equipment Exhibition '82. George Gibbs. illus Asian Def J No.8:62-64+ Aug '82

British Army Equipment Exhibition--1982. Ian V.Hogg. illus Natl Def 67:41-44 Sep '82

British Army Equipment Exhibition 1982. tab illus Mil Tech 6:51-52+ Oct '82

The British show their wares. Col Norman L. Dodd. illus Pac Def Rep pt 1, 9:69-71+ Sep '82; pt 2, 9:59+ Oct '82

EQUIPMENT - ContinuedArmy--Netherlands

The Royal Netherlands Army today. LtCol A.J. van Vuren. map illus tabs Mil Rev 62:13-28 Apr '82

Army--U.S.

Airland battle 2000 takes the offensive using high technology. David M.Russell. illus Def Elect 14:60+ Jun '82

Army--a force bred to fight. Gen E.C.Meyer. illus tab Defense/82, pp 2-9, Apr '82

Army aviation systems program review '82. MajGen Carl H.McNair, Jr and Capt Josef Reinsprecht. illus por USA Avn Dig pt 1, 28:38-44 Jun '82; pt 2, Concepts, doctrine and tactics panel. 28:8-13 Jul '82; pt 3, Organization and force structure panel. 28:36-39 Sep '82; pt 4, The training panel. 28:2-8 Oct '82; pt 5, The materiel panel. 28:9-13 Oct '82

Army 86. SSgt Vickey Mouze. illus Soldiers 37:16-18 Feb '82

Backup for survival. Cols Paul A.Slater and John A.Seitz. illus Fld Arty J 50:24-27 Sep-Oct '82

Brighter horizons for a U.S. Army in transition. Benjamin F.Schemmer. illus tabs Armed Forces J Intl 120:38+ Oct '82

DARCOM welcomes the challenge--readiness, innovation, efficiency. Gen Donald R.Keith. illus Army 32:58-61+ Oct '82

Documentation detachments meet Reforger challenge. Cpts George A.Danish and David T.Benware. Translog 13:13-14 Mar '82

Judge Abrams battle tank for yourself. illus Officer 58:21-24 Jun '82

MAPS (Mobilization Asset Planning System) charts the way to mobilization. Col John S. Whedbee. illus Army Log 14:7 Mar-Apr '82

Money, machines, and miles: Redressing POMCUS (Pre-positioned Overseas Material Configured in Unit Sets) deficiencies. Capt John L.Clarke. tab illus Armed Forces J Intl 120:81+ Nov '82

POMCUS (Prepositioning of Materiel Configured in Unit Sets): Feasibility or flaw? Moving thousands of troops to dozens of sites to draw equipment. Col W.D.McGlasson, Ret. illus Natl Guard 36:19-22 Apr '82

Robotics under study. Def Mgt J 18:48 First Quarter '82

Simulators gain with the Army. W.D.McGlasson. illus Natl Def 66:39-44+ Mar '82

'Support forward'--when and if the budget permits. Eric C.Ludvigsen. illus Army 32:34-37+ May '82

U.S. Army conventional armament program build-up. Wolfgang Flume. illus Mil Tech 6:84+ Feb '82

EQUIPMENT - ContinuedArmy--U.S. - Cont'd

The U.S. Army today: People and equipment--not enough of either. Phil Stevens. illus tab Sea Power 25:107-108+ Apr '82

Updating the Army's fielded equipment. LtCol Hardy W. Bryan and Valentin C. Berger. illus Army Log 14:16-17 Mar-Apr '82

Winning the airland battle 2000. Judith C. Anspacher. illus Mil Elect/Countermeasures 8:47-50 Jul '82

Exhibitions

AUSA '81--part 1: Helicopters dominate. illus Intl Def Rev pt 1, 15, No.1:75-82 '82; pt 2, Weapons and sensors. 15, No.2:205-212 '82

AUSA show 1981 Washington, DC. Mil Tech 6:96+ Feb '82

Modernization is focus at biggest meeting. Eric C. Ludvigsen. illus Army 32:50-53+ Dec '82

Maintenance and Repair

Deadly comparisons (identifies units with good maintenance management programs and those that need command attention). LtCol Kenny W. Whitley. tabs Army Log 14:35-37 Nov-Dec '82

Fixing forward needs fixing. Douglas J. Hackenbruch. illus Army Log 14:29-31 Nov-Dec '82

The forward support maintenance concept. LtCol Paul G. Bowers and Maj Herbert Guidry. illus Mil Rev 62:11-17 May '82

HELP (Howitzer Extended Life Product improvement) for the M109 self-propelled howitzer. LtCol Browder A. Willis, Ret. tab Fld Arty J 50:35-37 May-Jun '82

Maintenance means sustainability. Maj Gary L. LaGrange. illus Army Log 14:10-11 May-Jun '82

Self and like vehicle recovery. SSgt Louis Bailey. illus Army Log 14:14-16 May-Jun '82

Testing

The idea factory (High Technology Test Bed, Ft. Lewis, WA). SP5 Bill Branley. illus Soldiers 37:23-25 Mar '82

Marine Corps--U.S.

Marine Corps--in crisis or conflict, ready to respond. Gen Robert H. Barrow. illus Defense/82, pp 18-23, Apr '82

National Guard--Air Force--U.S.

Deputy Assistant Secretary of the Air Force for Reserve Affairs speaks out. Interview. George P. A. Forschler. illus Natl Guard 36:24-27 Apr '82

EQUIPMENT - ContinuedNational Guard--Armed Forces--U.S.

More than a 'come as you are' war. (Providing the Reserve forces with equipment that is identical to that furnished the active forces) CAPT Paul E. Smith. illus Natl Guard 36:28-30 Feb '82

NGAUS Red Book: Fully equipped Guard is the goal. illus Natl Guard 36:9-12+ Apr '82

National Guard--Army--U.S.

TLAT (TOW Light Anti-Tank) aims at one-shot kill. LtCol Robert A. Reitz. illus Natl Guard 36:16-17 Apr '82

NavyExhibitions

International Naval Technology Expo '82. Felix Müller. illus Armada Intl 6:80+ May-Jun '82

Navy--Australia

Stamping noisily and clutching at twigs (up-date of Australia's maritime defence equipment). illus Pac Def Rep 8:12-15 Feb '82

Navy--Great BritainExhibitions

FMS, Farnborough, and the Falklands fallout: New developments in overseas arms sales. Desmond Wettern. illus Sea Power 25:56-58+ Oct '82

Navy--ItalyExhibitions

Genoa '82: The fourth Italian Naval Exhibition. Ezio Bonsignore. illus NATO's Fifteen Nations 27:67-68+ Apr-May '82

Mostra Navale Genoa '82. Antonio Ciampi. illus Asian Def J No.9:68-69+ Sep '82

Mostra Navale Italiana--Italian Naval Exhibition 1982. Kurt Arbenz. illus Armada Intl 6:90+ Jul-Aug '82

Navy--Malaysia

Malaysia awards ASTT (Action Speed Tactical Trainer) contract--sophisticated system for Lumut (Naval Base). Brian Walters. illus Asian Def J No.4:24-25 '82

Navy--NetherlandsExhibitions

International Naval Technology Expo '82. illus Intl Def Rev 15, No.5:623-630 '82

Navy--Soviet Union

Potential Soviet responses to the U.S. submarine threat. Andrew W. Hull. (Reprinted from U.S. Naval Institute Proceedings, Jul 1978) illus Asian Def J No.4:28-30+ '82

EQUIPMENT - ContinuedNavy--U.S.

C³: Progress and developments. CDR R. Robinson Harris. illus US Nav Inst Proc 108: 114-117 Dec '82

Extending the horizon. Norman Polmar. illus US Nav Inst Proc 108:121-124 Dec '82

An interview with Admiral (James D.) Watkins. James D. Hessman and Vincent C. Thomas, Jr. Interview. illus por Sea Power 25:22+ Oct '82

Secretary of Defense. Interview. Caspar W. Weinberger. illus por Sea Power 25:79-80+ Apr '82

Reserve Forces--Armed Forces--U.S.

Combat commanders must have best. (Excerpts from presentation, ROA Mid-Winter Meeting, Washington) LtGen Robert C. Kingston. illus Officer 58:14-16 May '82

We must have broader idea of requirements. Edward J. Philbin. illus Officer 58:20-22 May '82

Without this equipment how can we be C-1? Excerpted from DOD annual report on the status of National Guard and reserve component equipment. illus Natl Guard 36:9-13 Jun '82

Reserve Forces--Army--U.S.

Equipping the total force. LtGen Richard H. Thompson and Maj William R. Johnson. illus tabs Army Log 14:2-7 Nov-Dec '82

EQUIPMENT CONVERSION

This heading is used for re-equipping units with new or different equipment.

National Guard--Air Force

Conversion means learning a new flying system. illus Natl Guard 36:24-26 Jun '82

National Guard--Army

Fully modernized Cobras in the National Guard. LtCol Jerold J. Jensen. USA Avn Dig 28:24-25 Jan '82

M-60A3 tanks, ITVs roll out for the Army Guard. illus Natl Guard 36:20-22 Oct '82

ESCAPE AND EVASION see Evasion and EscapeESCAPE EQUIPMENT

See also
Ejection Equipment

ESPIONAGE

Possible espionage indicators: An ounce of prevention. TIG Brief 34:3-4 Sep 13 '82

ESPRIT DE CORPS

The U.S. Army training system and the modern battlefield. LtCol Franklin Y. Hartline. illus Mil Rev 62:2-11 Feb '82

ESTIMATE OF THE SITUATION

Spectrum monopoly matrix (used to analyze and evaluate the effectiveness of integrated air defense). Fred Duncan. illus Air Def Mag, pp 30-33, Oct-Dec '81

ETHICS

See also
War--Ethical Aspects

The companies of the damned. John M. Curran. illus Army 32:54-57+ Feb '82

Competence as an ethical imperative. Lewis Sorley. illus Army 32:42-48 Aug '82

Conflict of interest: Rules for retirees. Kathleen A. Buck. Defense/82, pp 12-15, Jan '82

A crisis in self-image: The role of the military in American culture. Donald Atwell Zoll. Parameters 12:24-31 Dec '82

The ethical charge to counsel. Capt Alan J. Spilker. AF Law Rev 22:101-119 '80/'81

Malpractice and the military lawyer: The gathering storm. Col Robert G. Douglass. AF Law Rev 22, No.1:1-19 '80/'81

A matter of trust. Ch(Col) Morris J. Holtzclaw. TIG Brief 34:1-2 Sep 13 '82

The military ethics of General William T. Sherman: A reassessment. John W. Brinsfield. Parameters 12:36-48 Jun '82

The moral dimension of war and the military ethic. Donald Atwell Zoll. Parameters 12: 2-15 Jun '82

This is what could happen if you . . . switch write-ups. 1stLt Ted H. Minkinow. illus MAC Flyer 29:10-12 Nov '82

Training support package teaches military ethics. Ch(Maj) Richard H. Whaley. Air Def Mag, pp 25-26, Jul-Aug '82

EUROPE, EASTERNStrategic Importance

Instability and change in Eastern Europe. F. Stephen Larrabee. tab Intl Sec 6:39-64 Winter '81/'82

EUROPE, NORTHERN

Guardians of the northern flank. Charles W. Corddry. illus map AF Mag 65:160-162 Sep '82

Strategic Importance

The ambiguous flanks: The strategic dangers in northern Europe. Richard Sale. illus Def & For Aff 10:24-26 Apr '82

EUROPE, WESTERN

Is conventional defense of Europe feasible?
Robert Komer. Nav War Col Rev 35:80-91
Sep-Oct '82

Foreign RelationsUnited States

Can the European theater nuclear force be
based at sea? Paul A. Chadwell. illus Natl
Def 67:26-29 Jul-Aug '82

Control of nuclear weapons in Europe. Alex
Gliksman. illus Natl Def 66:43-49 Apr '82

How America looks at Europe. Arthur F. Burns.
AEI For Plcy & Def Rev 3, No. 6:2-5 '81/'82

"The loneliness of strength--the USA looks
at the 1980's." Robert F. Ellsworth. illus
NATO's Fifteen Nations 27:16-18 Aug-Sep '82

Manifesto of a German atlanticist. Franz
Josef Strauss. Strat Rev 10:11-15 Summer
'82

Public opinion and alliance security. Geof-
frey E. Pattie. illus Strat Rev 10:71-79
Spring '82

The realities of security. Henry A. Kissinger.
AEI For Plcy & Def Rev 3, No. 6:11-16
'81/'82

Strategic Importance

The Soviet connection II: Moscow's dangerous
pipeline to Europe. Richard N. Perle.
Defense/82, pp 16-19, Feb '82

EUROPEAN COMMAND, ALLIED see Allied Command
Europe

EUROPEAN ECONOMIC COMMUNITY

Defence and security in the European Communi-
ty. Niels Haagerup. illus NATO's Fifteen
Nations 27:38-40+ Aug-Sep '82

Iberia: The new blood for a sorely-trying
Europe. Dennis Culkin. illus Def & For
Aff 9, No. 14:6-9+ '81

Spain and NATO: ¿Como va? LT Shannon Keenan.
illus map US Nav Inst Proc 108:117-120
Apr '82

EVACUATION OF CASUALTIES

See also
Aeromedical Evacuation

EVALUATION (EDUCATION)

The economic evaluation of military training
programs. Peter G. Sassone. illus tabs
Def Mgt J 18:38-42 Fourth Quarter '82

EVASION AND ESCAPEStudy and Teaching

Victory in air-to-air combat, the Marine
Corps way. Betty J. Goodson. illus USA Avn
Dig 28:2-7 Jul '82

EWELL, Julian J.

High morale in combat. LtGen Julian J. Ewell,
Ret. illus Mil Rev 62:19-33 Jun '82

EXAMINATIONS see Tests and Measurements

EXCHANGE PROGRAMS, MILITARYSee also

Allied Military in the U.S.

EXCHANGESAir Force--U.S.

Arbitration case perils BX profits for MWR.
AF Times 42:5 Jan 4 '82

Armed Forces--U.S.

A look over the shoulder: How supermarkets
are faring in health and beauty aids.
Glenn H. Snyder. tabs Interservice 2:61-64+
Summer '82

Marketing and merchandising to the Black mili-
tary patron. Lafayette Jones. illus tabs
Interservice 2:27-30+ Winter '82

Patron demographics 1982. Thayer C. Taylor.
tabs Interservice 2:15-17+ Summer '82

Army--U.S.

AAFES (Army and Air Force Exchange Service).
illus Soldiers 37:16-19 Jan '82

Marine Corps--U.S.

New strategies evolving at the Navy and
Marine Corps exchange systems. Isadore
Barmash. tab Interservice 2:42-47+
Winter '82

Navy--U.S.

New strategies evolving at the Navy and
Marine Corps exchange systems. Isadore
Barmash. tab Interservice 2:42-47+
Winter '82

United States

Dynamics of fashion at the military exchanges.
Michael Haley. illus Interservice 2:51-53+
Spring '82

The military resale system: Its past . . .
its present . . . does it have a future?
Rep Dan Daniel. Interservice 2:12-14+
Spring '82

EXECUTIVES

Career management--a different perspective.
William A. Snow. AF Compt 16:6-9 Jan '82

The relationship between senior Navy civilian
and military executives. Laurie A. Broedling
and others. tabs Nav War Col Rev 34:78-89
Nov-Dec '81

EXERCISE

See also
Operation

Alloy Express

On maneuvers with the Marines. (Interview with John M. Rau) illus Sea Power 25:39-54 Jun '82

Blue Flag

Test bed concepts in the Tactical Air Command. Col Denis Brown. illus Signal 36: 100-102 Aug '82

Bold Eagle

Bold Eagle 82. illus Sergeants 20:24-25 Mar '82

Reversal of roles: Guard commands. SSgt Thomas F. Doherty. illus Natl Guard 36:9-11 Feb '82

Border Star

AN/TSQ-73 integration with Marine TAOC (Tactical Air Operations Center) Capt Robert N. Moschini. illus Air Def Mag, pp 6-9, Jan-Mar '82

Bright Star

B-52 operations in . . . Bright Star. Maj David A. Dick. illus Combat Crew 32:14-17 Sep '82

Bright Star. SSgt Gary L. Kieffer. illus Soldiers 37:10-14 Jun '82

Bright Star in the desert. illus Army 32: 38-40 Feb '82

Bright Star: MAC--first in, last out. Maj Billie R. Carpenter. illus Airlift Ops Rev 4:14-16 Apr-Jun '82

Bright Star '82. A1C Pamela J. Prevost. illus Flying Safety 38:6-9 Jun '82

Bright Star '82. Capts Craig Cioletti and Lee Smith. illus USAF Ftr Wpns Rev, pp 2-4, Summer '82

Bright Star '82. 1stLt Glenn M. Guzze. illus Airman 26:24-28 Aug '82

Bright Star tests near-term water doctrine. LtCol Carl N. Price. Army Log 14:4 Jul-Aug '82

Bright Star: The medium has a message. illus Def & For Aff 9, No. 14:10-13+ '81

Logistics support of Bright Star '82. LtCol Carl N. Price. illus Army Log 14:2-6 Jul-Aug '82

The Rapid Deployment Force--another look. Edgar O'Ballance. illus map Natl Def 66: 34-36+ Feb '82

Sudanese wait for West Virginians at the Nile junction. illus Natl Guard 36:20-23 May '82

EXERCISE - ContinuedC O R E X

1981 in review (Military Traffic Management Command). Maj Warren C. Decker. illus Translog 13:2-4 Feb '82

Stage set for COREX 82. Peter H. Shugert. illus Translog 13:1-3 Jul '82

Condor CRTE

Pickup & delivery (Condor CRTE '82, exercise dedicated solely to combat rescue training). MSgt Ed Martins. illus Air Reservist 34:16-19 Jul-Aug '82

The total force--Condor CRTE '82: Training for combat saves. William P. Schlitz. illus AF Mag 65:62-70 Oct '82

What saving is all about (Reservists hold Rescue and Recovery exercise in Michigan). SSgt Jim Katzaman. illus Airman 26:42-48 Oct '82

Condor Redoubt

Redoubt recall. (Air Reserve Personnel Center practices the recall of Reservists) LtCol Garry Mitchelmore. illus Airman 26:40-41 Apr '82

Coronet Cruise

Coronet Cruise: Sink the ships without seeing them. Maj Kirk McManus. illus Natl Guard 36:29-30 Mar '82

Desert Horse

'Desert Horse' logistics. Maj John M. Taylor and Col Eddie B. Ladd. illus Army Log 14: 8-11 Mar-Apr '82

Dragon Team

Dragon Team 3-82: Trial swing of the RDF's heavy punch. Capt Daniel P. Bolger. illus map Army 32:14-20 Sep '82

F U E L E X

FUELEX games oil crunch in a crisis. illus Defense/82, pp 22, Mar '82

Gallant Eagle

Drop at dawn: Gallant Eagle 82--a "total force" effort. Capt Gale E. Clouse, Jr. illus MAC Flyer 29:20-23 Jul '82

Gallant Eagle '82: The MAC mission. Capt Phil Lacombe. illus AF Mag 65:90-94 Jul '82

Gallant Eagle 82--total Army logistics. tab Log Spectrum 16:30-32 Fall '82

The National Guard at Gallant Eagle '82. illus Natl Guard 36:26-27+ Sep '82

EXERCISE - ContinuedKangaroo

Exercise Kangaroo 81. Brig P.J.Greville. map
illus Pac Def Rep 8:10+ Dec '81/Jan '82

N U W A X

Nuclear stockpile management (Defense Nuclear
Agency's role). Col Richard A. Stephans,
Ret and LCDR Mahlon E. Register. illus Army
Log 14:2-5 May-Jun '82

Northern Wedding

Northern wedding--the alliance displays its
determination to maintain the flanks.
Desmond Wettern. illus Sea Power 25:21-22+
Dec '82

Ocean Venture

Ocean adVenture '82. illus Natl Guard 36:
22-23+ Sep '82

Red Flag

Airlifters at Red Flag: The key is prepara-
tion. Capt Byron L. Howard. illus MAC Flyer
29:8-11 May '82

Preparing for "war"--Red Flag. Maj Kenneth P.
Wicks. illus Flying Safety 38:2-6 Nov '82

RDF Red Flag. LtCol Mike Nelson. illus USAF
Ftr Wpns Rev, pp 5-8, Summer '82

Test bed concepts in the Tactical Air Com-
mand. Col Denis Brown. illus Signal 36:
100-102 Aug '82

Reforger

Documentation detachments meet Reforger chal-
lenge. Capts George A. Danish and David
T. Benware. Translog 13:13-14 Mar '82

Logistics makes Reforger possible. illus
Army Log 14:28-29 Jan-Feb '82

MTMC makes Reforger move. Translog 13:1
Oct '82

Mission: Reforger 81. Capt Gale E. Clouse, Jr.
illus MAC Flyer 29:12-14 Feb '82

Modular living at sea. Sondi B. Silcio. illus
Translog 13:5-6 Oct '82

Reforger '81: Few training exercises test a
unit's training, readiness and soldiers as
completely. illus Soldiers 37:13-15 Apr '82

Reservists turn Reforger's wheels. illus
Translog 13:10-11 Oct '82

TEA (Transportation Engineering Agency) time
at Reforger. illus Translog 13:8-9 Oct '82

Spearpoint

Interoperability training: Collocation of
FDCs (Fire Direction Center). Capt Mark L.
Uhart and 1stLt Scott E. Lacagnin. illus
Fld Arty J 50:48-50 May-Jun '82

EXERCISE - ContinuedTeam Spirit

"Lightning look"--intelligence interopera-
bility. Maj Robert W. Noonan, Jr. illus
Mil Rev 62:43-51 Jan '82

Pusan terminal supports Team Spirit 82. Maj
James L. Spring. illus Translog 13:5-6 Jun
'82

Team Spirit 82. MSgt Mike Mason. illus
Soldiers 37:10-14 Oct '82

EXHIBITIONS see subdivision Exhibitions under
specific subjects, e.g.,
Communications Equipment--Exhibitions
Equipment--Armed Forces--Egypt--Exhibitions
Shipbuilding--Italy--Exhibitions

EXPLOSIVE ORDNANCE DISPOSAL

Can we survive and win? James R. Van Orman
and Clarence E. Langford. illus tab AF
Engrg & Svcs Qtr 23:14-18 Spring '82

EXPLOSIVES AND EXPLOSIONS

See also
Nuclear Explosions

Ground handling of explosives-loaded air-
craft. TIG Brief 34:7 Feb '82

A numbered Air Force approach to explosives
site plan management. TIG Brief 34:19
Jun 11 '82

Training/exercises involving explosives.
TIG Brief 34:18 Oct 25 '82

EXPORT-IMPORT TRADE

See also
Commerce

Ocean transportation reform legislation,
defense preparedness, and the UNCTAD
(United Nations Conference on Trade &
Development) threat. Conrad H.C. Everhard.
Def Trans J 38:18-23 Jun '82

United States

Exports: How government loses \$13 by refusing
to spend \$1. Govt Exec 14:22+ Aug '82

Exports: Why "wheeler-dealer" America isn't,
anymore. illus tab Govt Exec 14:44-46+
May '82

Operation Exodus puts clamps on unorthodox
exporters. Lisa Hurst Lovell. Mil Elect/
Countermeasures 8:60 Nov '82

(Radar) threats (simulators) for export. Hal
Gershanooff. illus J of Elect Def 5:56-57
Sep '82

Rebuilding the infrastructure (the first
significant overhaul of Federal port policy
in 200 years). Thomas B. Allen. illus Sea
Power 25:32-38 Jul '82

The technology transfer. MajGen Doyle E.
Larson. illus por J of Elect Def 5:41-42+
Aug '82; Signal 37:55-57 Oct '82

EXPORT-IMPORT TRADE - ContinuedUnited States - Cont'd

VHSIC (Very High Speed Integrated Circuits) program shaping technology transfer restrictions. David M. Russell. illus Def Elect 14:75-77+ Aug '82

Washington tries to clamp down with high-tech export controls. Ehud Yonay. illus Def Elect 14:76-78+ Sep '82

EXPORT TRADE see Export-Import Trade

EXTENSION COURSE INSTITUTE

SNCOA improves course for nonresident students. Don Mace. AF Times 42:7 Jun 28 '82

EXTRASENSORY PERCEPTION

C^{nth}? On the strategic potential of ESP. Roger A. Beaumont. Signal 36:39-40+ Jan '82

EYES

Apparent instrument horizon deflection during and immediately following rolling maneuvers. J. Michael Lentz and Fred E. Guedry, Jr. tabs Aviation, Space & Envmt Med 53:549-553 Jun '82

Influence of a visual display and frequency of whole-body angular oscillation on incidence of motion sickness. Fred E. Guedry, Jr and others. illus tabs Aviation, Space & Envmt Med 53:564-569 Jun '82

EYES - Continued

On the significance of heterophoria for stereoscopic vision. Jorma Castrén and others. tabs Aviation, Space & Envmt Med 53:393-397 Apr '82

Posturography of ataxia induced by Coriolis and Purkinje-effects. Cornelia Fitger and Th. Brandt. illus tabs Aviation, Space & Envmt Med 53:153-161 Feb '82

Protecting your eyes. TIG Brief 34:19 Apr 30 '82

The vestibulo-ocular reflex in man during voluntary head oscillation under three visual conditions. Ralph M. Jell and others. tabs Aviation, Space & Envmt Med 53:541-548 Jun '82

Visual field narrowing by non-visual factors . . . or why you didn't see that aggressor in time. Robert J. Randle, Jr and Frederick V. Malmstrom. illus Flying Safety 38:14-18 Jul '82

The wearing of hydrophilic contact lenses aboard a commercial jet aircraft: I. Humidity effects on fit. Weylin G. Eng and others. illus tab Aviation, Space & Envmt Med 53:235-238 Mar '82

Yellow is better. CW3 Gary E. Rossumme. USA Avn Dig 28:38-39 May '82

F A A see Federal Aviation Administration

F A M C A M P S see Recreation

F L I T E see Federal Legal Information Through Electronics

F T C see Federal Trade Commission

FAHRNEY, Delmar S.

Guided missiles--U.S. Navy the pioneer. RADM D.S. Fahrney, Ret. illus por Am Avn Hist Soc J 27:15-28 Spring '82

FALKLAND ISLANDS

The Falklands and the Antarctic Treaty. David W. Heron. map Mil Sci & Tech 2:20-21 '82

Falklands: Once a cozy spot. Boris Weintraub. illus Soldiers 37:46-47 Jul '82

History

Falklands: Myth and history. Byron Farwell. illus MarCor Gaz 66:47-51 Oct '82

From fierce fighting to Falkland farming. Commentary. Bruce Callander. map AF Times 42:19 May 3 '82

Reflections on the Falkland Islands dispute. P. Lewis Young. illus map Asian Def J pt 1, No. 6:44-46+ Jun '82; pt 2, No. 7:30-32+ Jul '82; pt 3, No. 8:30-31+ Aug '82

FALKLAND ISLANDS CRISIS, 1982

The Argentinian adventure in an Australian setting. A.W. Grazebrook. illus map tabs Pac Def Rep 8:8-12+ Jun '82

Britain's near-thing victory--the Falklands: A British assessment. Charles W. Corrdry. illus AF Mag 65:50-53 Dec '82

Crisis team aided British in Falkland dispute. AF Times 42:2 May 17 '82

ECM in the Falklands War proves its point the hard way. ADM Thomas H. Moorner and Alvin J. Cottrell. illus Mil Elect/Counter-measures 8:48-49 Nov '82

The Falkland Islands campaign. Edgar O'Ballance. map illus Natl Def 67:34-39 Sep '82

The Falklands conflict. James Cable. illus US Nav Inst Proc 108:70-76 Sep '82

The Falklands conflict--old lessons, new weapons. Jürg Meister. illus Armada Intl 6:6+ Jul-Aug '82

The Falklands conflict: The air war. Derek Wood and Mark Hewish. illus Intl Def Rev pt 1, 15, No. 8:977-980 '82; pt 2, Missile operations. 15, No. 8:1151-1154 '82; pt 3, Naval operations. 15, No. 10:1340-1343 '82

FALKLAND ISLANDS CRISIS, 1982 - Continued

The Falklands? I thought they won that one . . . LtCol E. Terry Mattke. illus Armed Forces J Intl 120:96+ Nov '82

The Falklands: Joint warfare justified. RADM E.F. Gueritz. illus tabs RUSI J for Def Studies 127:46-55 Sep '82

Falklands: Much at stake for British. Bud Andrews. AF Times 42:23-24 Apr 19 '82

The Falklands operation: Problems, considerations, lessons. Ian McGeoch. illus map NATO's Fifteen Nations 27:26-29 Jun-Jul '82

The Falklands War--a recap. Brenda Ralph Lewis. illus map Army 32:22-29 Sep '82

The Falklands War: Update. Gregory Copley. illus Def & For Aff pt 1, 10:6-7+ May '82; pt 2, 10:15+ Jun '82

Full rein for the chopper. T.B.O'Shea. illus Pac Def Rep 9:65-67 Sep '82

Further thoughts on the lessons of the Falklands Crisis. P. Lewis Young. Asian Def J No. 10:90+ Oct '82

The Gurkha reputation. Byron Farwell. illus MarCor Gaz 66:46 Oct '82

How Argentina's Air Force fought in the South Atlantic War. Gregory R. Copley. illus Def & For Aff 10:10-13+ Oct '82

How exocet sank the HMS Sheffield. David M. Russell. illus Def Elect 14:38+ Jul '82

The lessons of the Falklands. James D. Hessman. illus Sea Power 25:15-16+ Jul '82

Maneuvering in the Falklands. CDR Robert J. Kelsey. US Nav Inst Proc 108:36-38 Sep '82

Night-vision capability and the Falklands campaign. illus Armada Intl 6:78+ Sep-Oct '82

Reflections on the Falkland Islands dispute. P. Lewis Young. illus map Asian Def J pt 1, No. 6:44-46+ Jun '82; pt 2, No. 7:30-32+ Jul '82; pt 3, No. 8:30-31+ Aug '82

'STUFT' (Ships Taken From the Trade) in the Falklands crisis. Desmond Wettern. illus Pac Def Rep 9:10+ Oct '82

The San Carlos landing. Edgar O'Ballance. illus map MarCor Gaz 66:36-39+ Oct '82

Selling Britain's battle-proven wares in the post-Falklands era. LtCol Robert Jarman, Ret. illus Def & For Aff 10:30-33 Aug '82

The 74-day war: New technology and old tactics. Gary L. Guertner. map illus Mil Rev 62:65-72 Nov '82

The submarine and the Falklands War. CDR John Byron. illus US Nav Inst Proc 108:43 Dec '82

FALKLAND ISLANDS CRISIS, 1982 - Continued

Then the Gurkhas came ashore. Byron Farwell.
illus Army 32:24-26 Sep '82

Thoughts on the Falkland Islands War. Steven
Gorton. map US Nav Inst Proc 108:105-107
Sep '82

Too many missing pieces--the Falklands: An
Argentine assessment. Gen T.R.Milton, Ret.
illus AF Mag 65:48-49 Dec '82

The war against eagles (defenses against
striking, hostile aircraft). Michael C.
Dunn. illus Def & For Aff 10:20-21+ Aug '82

War in the South Atlantic--the naval
communications challenge. Capt A.R.Wood.
illus Signal 37:84-86 Dec '82

Lessons Learned (Military)

Falkland chickens clucking home to roost.
Desmond Wettren. illus Pac Def Rep 9:22-23+
Aug '82

The Falklands: A stern lesson for NATO plan-
ners. Joseph G.DiLullo. Def & For Aff 10:
28-29 Sep '82

The Falklands campaign: A war of yesterday?
AVM Stewart W.B.Menaul, Ret. Strat Rev 10:
82-91 Fall '82

The Falklands crisis: Emerging lessons for
power projection and force planning. Anthony
H.Cordesman. illus tabs Armed Forces J Intl
120:29-30+ Sep '82

Fallout from the Falklands--a preliminary
assessment. illus Intl Def Rev 15, No.6:
685-688 '82

Hard lessons from the South Atlantic. Ezio
Bonsignore. illus Mil Tech 6:31-32+ Aug '82

In the wake of the Falklands battle. ADM
Thomas H.Moorer and Alvin J.Cottrell. por
Strat Rev 10:23-28 Summer '82

Lessons of the Falklands conflict. Simon
Durwen. illus Asian Def J No.9:80-81+
Sep '82

Lessons of the South Atlantic War. Def & For
Aff 10:3+ Sep '82

Naval missile improvements. Norman Friedman.
illus NATO's Fifteen Nations Special Issue
No.2:104+ '82

Taking a new look at naval needs after the
Falklands. Julian S.Lake. illus Def Elect
14:71-72+ Oct '82

FALLS, Harry, Jr

Air discipline. MajGen Harry Falls, Jr. TIG
Brief 34:3-4 May 28 '82

Air Force Inspection and Safety Center. illus
por AF Mag 65:125-126 May '82

Intensification of efforts to prevent intoxi-
cated driving. MajGen Harry Falls, Jr. TIG
Brief 34:1-2 Aug 27 '82; 34:1-2 Dec 20 '82

FALTER, Vincent E.

AFMCO (Army Force Modernization Coordination
Office)--where it all comes together. MajGen
Vincent E.Falter. illus tab Army 32:182-185
Oct '82

FAMILY MEMBERS

See also
Children, Military
Wives, Military

(AF Family Matters) office addresses PCS,
other needs. Don Mace. AF Times 42:1+
Feb 8 '82

Bill would restore Social Security \$\$ to mil-
itary kin. Martha Lynn Craver. AF Times
42:7 Jun 14 '82

Bills of concern (many of which affect you
and your family). illus Sergeants 20:28-30
Jun '82

CHAMPUS eases rules on ambulatory surgery.
AF Times 42:4 Feb 15 '82

4 solons want o'seas kin hiring ruling up-
held. AF Times 42:11 Mar 1 '82

Houston families can join HMOs (Health
Maintenance Organizations). AF Times 42:4
Feb 8 '82

How do you tell a child daddy died? Barbara
Burtoff. AF Times 42:47-48 Mar 15 '82

Kin o'seas workers offered break on jobs. AF
Times 42:12 May 31 '82

Knowing the rules helps join-spouse chances.
AF Times 42:31 May 10 '82

Military families may face school crises.
Paul Smith. AF Times 42:4 Mar 15 '82

PacAF stress: Similar to ConUS, USAFE. Don
Mace. AF Times 42:1+ May 31 '82

Single-member parents on increase. Don Mace.
AF Times 43:1+ Nov 8 '82

Widow awarded SBP; Service failed to notify.
AF Times 42:7 May 10 '82

FAMILY SERVICES

(AF Family Matters) office addresses PCS,
other needs. Don Mace. AF Times 42:1+
Feb 8 '82

FASTENERS

Here are entered articles on various types
of fasteners, e.g., bolts and nuts, washers,
pin connectors, etc.

Panel fasteners vs maintenance manhours:
Minimization of life-cycle cost. James K.
Seger. tabs Log Spectrum 15:28-30
Winter '81

FATIGUE

Cardiorespiratory assessment of 24-hour
crash-diet effects on altitude, +Gz, and
fatigue tolerances. Michael T.Lategola and
others. tabs Aviation, Space & Envt Med
53:201-209 Mar '82

FATIGUE - Continued

Continuous operations. Capt George R. Frank.
illus Armor 91:19-23 Mar-Apr '82

Fatigue at night: A case study. TAC Attack
22:14-15 Dec '82

Night flying & fatigue. TAC Attack 22:4-6
Nov '82

FEAR

Emotional reactions to military aircraft
accidents. David R. Jones. Aviation, Space &
Envmt Med 53:595-598 Jun '82

FEDERAL AVIATION ADMINISTRATION

FAA, airways, airports and a systems ap-
proach to economic vitality. John F. Judge.
tab Govt Exec 14:12+ May '82

New USAF airspace management course. MajGen
Richard A. Burpee. TIG Brief 34:3 Mar 5 '82

FEDERAL COMMUNICATIONS COMMISSION

Communications in the 80s and the Federal
Communications Commission. (Interview with
FCC Chairman Mark Fowler) illus Signal
36:13+ Jan '82

FEDERAL EMERGENCY MANAGEMENT AGENCY

The civil-military interface in industrial
preparedness. John Nocita. illus Def Mgt J
18:26-33 First Quarter '82

Emergency Mobilization Preparedness Board.
Louis O. Giuffrida. Signal 36:61-63 Aug '82

Federal Emergency Management Agency. Louis O.
Giuffrida. illus Def Trans J 38:37-38 Feb
'82

Random danger: The railroad response. John E.
Murray. illus Def Trans J 38:10-12+ Jun '82

FEDERAL LEGAL INFORMATION THROUGH ELECTRONICS

FLITE expands legal research service. TIG
Brief 34:20 Mar 5 '82

FEDERAL SUPPLY SERVICE

The benefits of going commercial. James A.
Hawkins and James S. Moser. Govt Exec 14:8-9
Feb '82

FEDERAL TELECOMMUNICATIONS SYSTEM see
Communications Systems--United StatesFEDERAL TRADE COMMISSION

FTC (Federal Trade Commission): Regulation
of the professions. James C. Miller III.
Govt Exec 14:31+ Nov-Dec '82

FELLOWSHIPS see Scholarships and FellowshipsFIBER OPTICS see OpticsFIELD ARTILLERY see Artillery, FieldFIGHTER WEAPONS AND GUNNERY MEETSAir Force

Gunsmoke (tactical air-to-surface gunnery
meet, Nellis AFB, NV, 1981). SMSgt Jim
Caldwell. illus tabs Airman 26:2-7 Apr '82

FILTERS AND FILTRATION

Filtering connectors meet the challenges of
EMI (ElectroMagnetic Interference). Thomas
Howell. illus Def Elect 14:93+ May '82

FINANCE

See also
Auditing

Air Force--U.S.

See also
Air Force Accounting and Finance Center

Air Force Comptroller Management Engineering
Team. Regular feature in issues of Air
Force Comptroller

Assistant Comptroller for Accounting &
Finance. Regular feature in issues of Air
Force Comptroller

Auditor General. Regular feature in issues
of Air Force Comptroller

Challenges to financial management in the
next decade. BrigGen D. Lynn Rans. tabs
Armed Forces Compt 27:4-8 Fall '82

Directorate of Budget. Regular feature in
issues of Air Force Comptroller

Directorate of Computer Resources. Regular
feature in issues of Air Force Comptroller

Directorate of Cost & Management Analysis.
Regular feature in issues of Air Force
Comptroller

Management opportunity: Accounting on
NATO's southeastern frontier. Capt F.G.
Beisser. AF Compt 16:32-35 Jan '82

Organization

SAF/FM (Asst Sec AF/Financial Management)
organization. chart illus AF Compt 16:11
Oct '82

Army--U.S.

Budget justifications at the installation
level--an art that can be taught, but
isn't. Maj Bryce J. Robinson. Armed Forces
Compt 27:36-39 Summer '82

FINANCE - ContinuedArmy--U.S. Cont'd

Prospects good for a great leap forward in Army finance and accounting. John Cooley and Clyde Jeffcoat. illus Armed Forces Compt 27:44-46 Winter '82

Defense Dept--U.S.

DOD procurement policy: The effect on aerospace financial risk. Col James R. Woody. Def Mgt J 18:22-27 Third Quarter '82

Financing defense system programs. Franz A.P. Frisch and David D. Acker. illus tabs Concepts 4:7-28 Autumn '81

FINLANDPolitics and Government

Finland after (President Urho) Kekkonen. Thomas P. Glakas. illus Def & For Aff 9:30 Oct '81

FIRE CONTROL

Here is entered material on the control of weapon fire. For control of forest, house and similar fires see Fires and Fire Prevention.

AWG-9 (weapons control system) delivers punch for Tomcat. Claudette Olson. illus Asian Def J No.6:94+ Jun '82

Artillery fire control systems. Federico G.C. Landaburu. illus Mil Tech 6:61-62+ Nov '82

Battle tank combat effectiveness increase. illus Armada Intl 6:108+ Mar-Apr '82

The DS battalion TOC (Tactical Operations Center) and TACFIRE. Capt Forrest G. Clark. illus tabs Fld Arty J 50:42-44 May-Jun '82

Density altitude and tank gunnery. MSgt Emil M. Dular. illus tabs Armor 91:7-10 May-Jun '82

A flexible missile (the Sparrow). Stefan Geisenheyner. illus Asian Def J No.6:4-7+ Jun '82

Improvements in the manual solution of the 6400-mil met/gunnery problem. SSgt David M. Johnson. illus Fld Arty J 50:26-29 Jan-Feb '82

Making a painful choice--artillery fire: Fast or massed? LtGen David E. Ott, Ret. illus Fld Arty J 50:37-40 Jan-Feb '82

Standard prepare-to-fire checks. LtCol Lemos L. Fulmer and others. Armor 91:35-37 Nov-Dec '82

Trends in fire control systems for MBTs (Main Battle Tank). Günther Joecek and Eberhard Kühn. illus Mil Tech 6:60-65+ Jul '82

Study and Teaching

FDC (Fire Direction Computer) skills. Charles Harvey. Infantry 72:38-39 Sep-Oct '82

FIRE CONTROL EQUIPMENT

AWG-9 (weapons control system) delivers punch for Tomcat. Claudette Olson. illus Asian Def J No.6:94+ Jun '82

Accurate artillery firing with fire control radar. Werner Meyer. illus Mil Tech 6:110-111 Nov '82

The DS battalion TOC (Tactical Operations Center) and TACFIRE. Capt Forrest G. Clark. illus tabs Fld Arty J 50:42-44 May-Jun '82

The Ferranti Falcon tank fire-control system. Mark Hewish. illus tabs Intl Def Rev 15, No.3:332-334 '82

The maturity of WILDCAT. Ezio Bonsignore. illus tabs Mil Tech 6:59-60+ Aug '82

New tank gun calibration policy. Maj James D. Brown and Capt Robert L. Kloecker. tabs illus Armor 91:17-21 Jul-Aug '82

Weapon-aiming systems for fixed-wing aircraft. illus Mil Tech 6:29-30+ Nov '82

FIRE DIRECTION CENTER

AN/TSQ-73 integration with Marine TAOC (Tactical Air Operations Center) Capt Robert N. Moschini. illus Air Def Mag, pp 6-9, Jan-Mar '82

Interoperability training: Collocation of FDCs (Fire Direction Center). Capt Mark L. Uhart and 1stLt Scott E. Lacagnin. illus Fld Arty J 50:48-50 May-Jun '82

FIREARMS see Small ArmsFIREPOWER

ANGLICO (Air and Naval Gunfire Liaison Company). Maj William R. Jones. Infantry 72:9-10 May-Jun '82

New weapon technology and sortie-effectiveness: Another way to calculate combat power. LtCol Heinrich J. Schepke. illus tabs Jt Persp 2:3-13 Spring '82

Uneasiness about technological progress in the armed forces. Col Ruprecht Haasler and LtCol Hans Goebel. illus Mil Rev 62:62-72 Oct '82

FIRES AND FIRE PREVENTION

See also subdivision under specific subjects, e.g.,
Airplanes, Military--Fires and Fire Prevention

Do you know fire safety? TAC Attack 22:18-20 Oct '82

Flightline fuel spills. TIG Brief 34:9-10 May 14 '82

Hotel/motel fires. Marty Diller. TAC Attack 22:24-26 Jul '82

Molybdate smoke suppressants find use in PVC (Polyvinyl Chloride) sheet and wire and cable applications. tab Natl Def 67:8+ Dec '82

FIRES AND FIRE PREVENTION - Continued

Natural gas regulators. TIG Brief 34:8
Apr 30 '82

On the razor's edge of technology. Capts
Anthony J.Kwan and J.D.Wilson. illus AF
Engrg & Svcs Qtr 23:28-32 Spring '82

FIRING RANGES see Bombing and Gunnery Ranges

FIRST AID

Protecting your eyes. TIG Brief 34:19
Apr 30 '82

FITNESS REPORTS see Effectiveness Reports--
Marine Corps

FLAG OFFICERSUnited States

Star reforms could ease Hill pressure. tabs
AF Times 42:4 Apr 19 '82

Star status: Army, Navy, Air Force, Marines.
Regular feature in issues of Armed Forces
Journal International

Directories

Flag and General Officers of the Naval Ser-
vices. illus US Nav Inst Proc 108:221-251
May '82

FLEET, 6th

Requiem for the Sixth Fleet? CDR P.T.Deuter-
mann. illus US Nav Inst Proc 108:46-49 Sep
'82

FLEET MARINE FORCE--Marine Corps--U.S. see
Marine Corps--U.S.

FLEET SATELLITE COMMUNICATIONS SYSTEM

The Air Force satellite systems. Capt Phil
Lacombe. illus AF Mag 65:52-55+ Jun '82

History

The U.S. Fleet Satellite Communications
(FLTSATCOM) System: The Australian con-
nection. Desmond Ball. illus map Pac Def
Rep 8:30-33 Feb '82

FLEXITIME see Hours of Labor

FLIGHT, LOW-ALTITUDE

Bringing aerial mapping down to earth. Dar-
rell Maddox. illus Navigator 29:25-26
Spring '82

Consider the balloon. LtCol John G.Heslin.
illus USA Avn Dig 27:31-33 Dec '81

FAC (Forward Air Controller) air-to-air. Capt
Alex Gimarc and others. illus USAF Ftr Wpns
Rev, pp 8-13, Winter '81

FLIGHT, LOW-ALTITUDE - Continued

Fine tuning your low level timing. Maj Gary
A.Lewis and Capt Charles W.Tucker. illus
tabs USAF Ftr Wpns Rev No.4:13+ Spring '82

Hazards of low level flying. Col Grant B.Mc-
Naughton. illus Flying Safety pt 1, 37:
8-9 Nov '81; pt 2, 37:12-15 Dec '81; pt 3,
38:9-11 Feb '82; pt 4, 38:18-20 Mar '82;
pt 5, 38:14-16 May '82

Lightning strike. Capt Robert N.Hess. Combat
Crew 32:6-7 Mar '82

Low level down under (training missions to
Australia). 1stLt Donald A.Welch. Combat
Crew 32:7+ Feb '82

Low-level flyers beware the . . . hidden
hazards. Maj Jerry T.Vining. illus MAC
Flyer 29:18-21 Jan '82

On hitting things. Maj John E.Richardson.
illus Flying Safety 38:6-8 Jan '82

FLIGHT ATTENDANTS see Cabin Crews

FLIGHT CONTROL SYSTEMS

Airborne management systems survey. illus tab
Interavia No.3:254-262 Mar '82

Fly-by-wire for airliners--carefully does
it. Pierre Condom. illus Interavia 37:
1284-1285 Dec '82

Fly-by-wire Jaguar--paving the way for future
combat aircraft. Mark Hewish. illus Intl
Def Rev 15, No.6:781-784 '82

FLIGHT INFORMATION

Here are entered articles on services pro-
vided for the purpose of giving advice and
information useful for the safe and efficient
conduct of flights.

See also related subjects, e.g.,
Weather Forecasting

ASRS (Aviation Safety Reporting System) Alert
Bulletin. Flying Safety 38:3 Mar '82

What's new in flight information publica-
tions? FLIP (Flight Information Publica-
tion) through the changes. Capt Gale E.
Clouse, Jr. illus MAC Flyer 29:4-7 Aug '82

FLIGHT INSTRUMENTS see Aeronautical Instruments

FLIGHT PLAN

Where's the foreign clearance guide? CW4
Thomas A.Story. USA Avn Dig 28:42-44
Oct '82

Your computer flight plan can tell you about
the . . . changes in the wind. Capt Gale E.
Clouse, Jr. illus MAC Flyer 29:8-11 Jun '82

FLIGHT SIMULATORS

Establishing requirements for aircrew train-
ing simulators. TIG Brief 34:4 Mar 19 '82

FLIGHT SIMULATORS - Continued

First microprocessor-based flight simulator delivered. illus Intl Def Rev 15, No.1:105 '82

Flying down to earth. TSgt Lorenzo D.Harris. illus Airman 26:13-15 Dec '82

Ground-bound Galaxys. (Flight simulators train C5A crews at Altus AFB, OK) LtCol Garry Mitchelmore. illus Airman 26:36-41 May '82

Physiological training: A refresher. Capt Gale E.Clouse, Jr. illus tab MAC Flyer 29:20-21 Oct '82

The quest for 100 percent simulation. illus Natl Def 66:24-25+ Feb '82

RAF accepts first Tornado simulator. illus Intl Def Rev 15, No.1:103 '82

Simulator breakthrough lowers costs. Brian Walters. illus Asian Def J No.5:86-87 May '82

Simulators and visual systems. Stefan Geisenheyner. illus Asian Def J No.7:12-15+ Jul '82

USAF buys EF-111A trainer. Hal Gershanoff. illus J of Elect Def 5:63+ Sep '82

Costs

Computer-generated images for simulators: The cost of technology. George C.Larson. illus AF Mag 65:54-59 Feb '82

FLIGHT TRAINING

See also
Pilots--Education and Training

Air Force

Effect of flight on the Eustachian tube function and the tympanic membrane system--a follow-up study. Peter Groth and others. tabs Aviation, Space & Envt Med 53:360-364 Apr '82

Air Force--U.S.

Low level down under (training missions to Australia). 1stLt Donald A.Welch. Combat Crew 32:7+ Feb '82

Pilot training, 1986 and beyond. BrigGen William M.Charles, Jr. illus AF Mag 65: 42-47 Feb '82

The supervisor's role in air operations. TIG Brief 34:14 Jan 22 '82

Army--U.S.

Aviator selection research: Then and now. John A.Dohme and others. illus tabs USA Avn Dig 28:24-29 Jun '82

FLIGHT TRAINING - ContinuedArmy--U.S. - Cont'd

Who's going to teach aviators how to fight? LtCol James W.Lloyd. illus USA Avn Dig 28: 6-9 Feb '82

History

A different frontier: Aviation, the Army Air Forces, and the evolution of the sunshine belt. Gilbert S.Guinn. illus maps Aerosp Hist 29:34-45 Mar '82

Forty years of Army Aviation. BrigGen William W.Ford, Ret. illus USA Avn Dig pt 1, Grasshoppers. 28:2-10 Jun '82; pt 2, Building a training program. Richard K.Tierney. 28:23-36 Jul '82; pt 3, Combat. 28:19-32 Aug '82; pt 4, Armed helicopters. 28:31-35 Sep '82; pt 5, Policies and organizations. 28:28-35 Oct '82

Marine Corps--U.S.

Victory in air-to-air combat, the Marine Corps way. Betty J.Goodson. illus USA Avn Dig 28:2-7 Jul '82

National Guard--Air Force--U.S.

Conversion means learning a new flying system. illus Natl Guard 36:24-26 Jun '82

Navy--Australia

Air arm of the Royal Australian Navy. illus Asian Def J No.2:88-89 Feb '82

FLIGHTS, FAMOUS AND HISTORIC

The first pilots of the Pacific. illus Sergeants 20:29-30 Mar '82

Portrait of a hero. H.R.Kaplan. illus Sergeants 20:20-23 Mar '82

Regards to the 'Lady.' MSgt James W.Robinson, Ret. illus Sergeants 21:14-15 Dec '82

FLOODS see DisastersFLUTTER see VibrationFLYING BOATS see SeaplanesFLYING CLUBS see Aero ClubsFLYING SAFETY

See also
Airplanes--Safety Measures
Airplanes, Military--Safety Measures
Mountain Flying

The AWTH (Accident Waiting To Happen) factor. Capt James C.White. illus MAC Flyer 29:4-7 May '82

Captains (aircraft commanders, too) & co-pilots: Joint responsibility. Flying Safety 38:12-13 Mar '82

FLYING SAFETY - Continued

Flyers anonymous. Regular feature in issues of MAC Flyer

For eagle drivers only, but others should read it, too. Capt Paul Q.G.Woodford. illus Flying Safety 38:14-16 Nov '82

From routine to near disaster. CW3 Robert A. Stolworthy. USA Avn Dig 28:40-43 May '82

Ghost in the cockpit. Capt Gregory B.Colvin. illus MAC Flyer 29:3-6 Sep '82

How it went (flight safety). Capt Mike Malone. illus tabs Flying Safety 38:2-3 Aug '82

Just before the radar failed the nav's scope was full of . . . many "heavy" returns. Capt Byron L.Howard. MAC Flyer 29:3-5 Apr '82

Lightning time again. Maj K.P.Smith. illus tab Flying Safety 38:18-19 May '82

A new view of thunderstorms: Here's some new information on that old nemesis of flying. MSgt James A.Hoy. illus Flying Safety 38: 25-26 May '82

Ops topics. Regular feature in some issues of Flying Safety

Passenger briefings: How effective are yours? MSgt Ronald D.Livingston. Combat Crew 32: 8-9+ Oct '82

SAC aircraft in the VFR (Visual Flight Rules) environment. LtGen Robert T.Herres. por Combat Crew 32:2-3 Feb '82

Spatial disorientation, a new perspective. Capt Jay A.Winzenried. Flying Safety 38: 9-12 Nov '82

Then and now. Maj John E.Richardson. illus tab Flying Safety 38:6-9+ Sep '82

FOOD

See also
Nutrition
Rations

A fresh approach to meat marketing in the military. David H.Stroud. tabs Interservice pt 1, 2:23-26+ Spring '82; pt 2, Boxed beef offers unique solutions to military commissary system. 2:45-48+ Summer '82; pt 3, Helping patrons overcome mysteries at the meat counter. 2:60+ Fall '82

Generics: Are they right for the military? George Wilcox. Interservice 2:53-58 Winter '82

Supply

GAO: Slow pay, tough rules drive away meat suppliers. AF Times 42:16 Mar 15 '82

FOOD SERVICEAir Force

Automated food service. Capt Walter T.Kelly. illus AF Engrg & Svcs Qtr 23:40-43 Summer '82

FOOD SERVICE - ContinuedAir Force - Cont'd

Food service fraud, waste, and abuse prevention. TIG Brief 34:9-12 Sep 13 '82

Army

Army cooks. SSgt Victoria Mouze. illus Soldiers 37:11-15 Jul '82

Combat field feeding. Maj Stuart L.Hogue. illus Army Log 14:22-23 Mar-Apr '82

Study and Teaching

Training the food service professional. Florence I.Dunn. illus Army Log 14:32-35 Mar-Apr '82

Marine Corps

Food service and maneuver warfare. Capt P.J. Klepper II. MarCor Gaz 66:26-27 Jan '82

FORCES COMMAND

FORSCOM (Forces Command) hones as it modernizes. Gen Richard E.Cavazos. illus Army 32: 34-39 Oct '82

FORSCOM's role in USAR aviation. Maj Ronald R.Tamaccio. illus USA Avn Dig 27:6-8 Dec '81

Directories

Forces Command. Army 32:223-224 Oct '82

FORD, William W.

Forty years of Army Aviation. BrigGen William W.Ford, Ret. illus USA Avn Dig Pt 1, Grasshoppers. 28:2-10 Jun '82; pt 2, Building a training program. Richard K.Tierney. 28:23-36 Jul '82; pt 3, Combat. 28:19-32 Aug '82; pt 4, Armed helicopters. 28:31-35 Sep '82; pt 5, Policies and organizations. 28:28-35 Oct '82

FORECASTING

See also
Weather Forecasting

FOREIGN AID see Economic Aid to Foreign Countries; Military Aid to Foreign Countries

FOREIGN DUTY PAY

See also
Remote-Isolated Duty Pay

DOD: Reprogram \$\$ for benefits. Tom Philpott. AF Times 42:1+ Jun 28 '82

Many overseas underpaid. Paul Smith. AF Times 42:1+ Feb 15 '82

O'seas foreign duty pay areas identified. AF Times 42:12 Jun 28 '82

Per diem equity tops 'need' list. AF Times 42:3 Jan 4 '82

FOREIGN DUTY PAY - Continued

Special pay only for 'hard' areas. Leonard Famiglietti. AF Times 42:14 Jun 14 '82

FOREIGN LEGIONHistory

The French Foreign Legion: 1945-1981. LtCol Patrick Turnbull, Ret. illus tab RUSI J for Def Studies 127:49-56 Jun '82

FOREIGN NATIONALS IN THE ARMED FORCES

Legal complications arising from alien birth or nationality. LtCol David P. Buck. AF Law Rev 22:168-187 '80/'81

Study points to immigrant recruits. Leonard Famiglietti. AF Times 43:4 Aug 30 '82

History

The companies of the damned. John M. Curran. illus Army 32:54-57+ Feb '82

FOREIGN OBJECT DAMAGE

Commanders: The FOD (Foreign Object Damage) prevention program needs your MDRs (Material Deficiency Report). TIG Brief 34:20 Nov 15 '82

FOD update. Maj Brian D. Hudson. illus tabs Flying Safety 38:10-11 Sep '82

FOREIGN RELATIONS

For general foreign relations of a country, look under the name of the country, e.g., United States--Foreign Relations. For foreign relations of one country with another, look under either country, e.g., United States--Foreign Relations--Japan; Great Britain--Foreign Relations--France.

See also
International Relations

FOREIGN SERVICE see Diplomatic and Consular ServiceFORMATION FLYING

F-15 formation landings. Maj Charles I. Maas. TAC Attack 22:8-9 Feb '82

Mission: Reforger 81. Capt Gale E. Clouse, Jr. illus MAC Flyer 29:12-14 Feb '82

Never trust anybody--(more than 99%). LtCol Bill Rees. illus Flying Safety 38:24-26 Jan '82

FORMOSA see TaiwanFORMS, MILITARY

Life cycle of a Form 40a. illus Air Reservist 34:10-11 Feb '82

Releasing official's responsibility. TIG Brief 34:6 Dec 20 '82

FORRESTER, Eugene P.

Interoperability works. LtGen Eugene P. Forrester. illus Infantry 72:6-8 Jan-Feb '82

FORTIFICATIONS

Attack of a desert strongpoint. Capts Wayne J. Sabo and Edwin L. Kennedy, Jr. illus Infantry 72:25-29 Jul-Aug '82

Modernized line. Capt Harry F. Noyes III. Infantry 72:11-12 Nov-Dec '82

FORTS see Army PostsFORWARD AIR CONTROLLERS

FAC (Forward Air Controller) air-to-air. Capt Alex Gimarc and others. illus USAF Ftr Wpns Rev, pp 8-13, Winter '81

FORWARD BASESUnited States

Theater nuclear arms control and forward-based systems. John Borawski. AU Rev 33: 11-19 May-Jun '82

FORWARD OBSERVER

The AHIP (Army Helicopter Improvement Program): Field artillery aerial observer platform of the future. Col Robert S. Fairweather, Jr and Maj Grant Fossum. illus Fld Arty J 50:14-17 Jul-Aug '82

FOUR-DAY WEEK see Hours of LaborFRANCEForeign Policy

Analysis and perspective: Socialist France in East-West relations. Pascal Fontaine. AEI For Plcy & Def Rev 4, No.1:35-41 '82

The course of French defense policy. Peter J. Berger. Parameters 12:19-26 Sep '82

French security policy--decisions and dilemmas. Edward A. Kolodziej. tab Armed Forces & Soc 8:185-221 Winter '82

A Frenchman looks at France--from America. (Interview with Jean-François Revel) AEI For Plcy & Def Rev 4, No.1:46-48 '82

Plus ça change, plus c'est la même chose (directions of French international arms sales and policy under Mitterrand government). Michael C. Dunn. illus Def & For Aff 10:8-9+ May '82

Political and military background for France's intervention capability. George H. Wittman. AEI For Plcy & Def Rev 4, No.1: 12-17 '82

The politics of defense and foreign policy in France. Dominique Moisi. AEI For Plcy & Def Rev 4, No.1:6-8 '82

The politics of French security policy. Anton W. DePorte and Hugh De Santis. AEI For Plcy & Def Rev 4, No.1:27-31 '82

FRANCE - ContinuedForeign Policy - Cont'd

The relationship of France with NATO.
François de Rose. AEI For Plcy & Def Rev 4,
No.1:23-27 '82

Foreign Relations

Political and military background for
France's intervention capability. George
H.Wittman. AEI For Plcy & Def Rev 4, No.1:
12-17 '82

Europe, Western

Arms control and security in Europe: France's
role. Jacques Huntzinger. AEI For Plcy &
Def Rev 4, No.1:32-35 '82

N A T O

Alternative strategies for the West. François
de Rose. illus NATO's Fifteen Nations 27:
14-17 Jun-Jul '82

The relationship of France with NATO.
François de Rose. AEI For Plcy & Def Rev 4,
No.1:23-27 '82

Pacific Region

Pacific danger signals. P.Lewis Young. Pac
Def Rep 8:18-19+ May '82

United States

France and the nuclear decision. Maj Charles
F.Feldmayer. Jt Persp 3:3-13 Winter '82

Franco-American relations: A retrospective
view. Stuart Highton. RUSI J for Def
Studies 127:28-31 Mar '82

The odd couple (contrast between the United
States and France). Pierre Lellouche. AEI
For Plcy & Def Rev 4, No.1:8-11 '82

Politics and Government

French security policy--decisions and dilem-
mas. Edward A.Kolodziej. tab Armed Forces
& Soc 8:185-221 Winter '82

La mort du SDECE (has gone, and France now
has an intelligence policy which aims at
greater efficiency). Def & For Aff 10:12
May '82

Mitterand: Directions for the French mili-
tary. Alex Gliksman. illus Natl Def 66:
25-28+ Jan '82

Mitterand's thorn: The PCF (France's Commu-
nist Party). Stephen Aubin. Parameters 12:
49-54 Jun '82

Plus ça change, plus c'est la même chose
(directions of French international arms
sales and policy under Mitterand govern-
ment). Michael C.Dunn. illus Def & For Aff
10:8-9+ May '82

The politics of defense and foreign policy
in France. Dominique Moisi. AEI For Plcy
& Def Rev 4, No.1:6-8 '82

The Socialists in the French defense debate.
David Yost. Armed Forces & Soc 8:334-345
Winter '82

FRAUDSee also

Waste in Government

Abuse? Not me! SP5 Terri Wiram. illus
Soldiers 37:33-36 Apr '82

Air Force IG attacks fraud, waste and abuse.
illus Natl Guard 36:19-20 Jul '82

Antifraud, abuse programs will be started.
AF Times 42:22 May 17 '82

Audit finds redline phone abuse in Europe.
Tom Philpott. AF Times 43:25 Aug 23 '82

A closer look at waste and fraud in DOD.
Robert T.Moran. tabs Armed Forces Compt
27:29-33 Summer '82

Computer abuse: How the data processing
installation manager can reduce it. TIG
Brief 34:11-12 May 28 '82

Comstore fraud investigated in Europe. AF
Times 43:15 Sep 20 '82

DOD report: War on waste saves \$4 billion.
Paul Smith. AF Times 42:4 Jun 28 '82

DOD wants clout to handle minor fraud cases.
Paul Smith. AF Times 42:2 Apr 19 '82

Data processing installations: Potential for
fraud, waste, and abuse. TIG Brief 34:10
Jan 22 '82

(Defense) Audit Service scores travel fraud
penalties. Tom Philpott. AF Times 43:14
Nov 1 '82

Focusing on fraud and waste. Deputy SecDef
Frank C.Carlucci. por Armed Forces Compt
27:4-7 Winter '82

Food service fraud, waste, and abuse pre-
vention. TIG Brief 34:9-12 Sep 13 '82

Fraud, Waste, and Abuse (FW&A) hotlines.
TIG Brief 34:12 Apr 2 '82

Fraud, waste, and abuse (FW&A): How much does
it cost? TIG Brief 34:8 Sep 13 '82

General Services Administration (GSA) con-
tract vehicle rentals: Fraud investiga-
tions. TIG Brief 34:13 Aug 27 '82

Justice eyes suit against CHAMPUS bilker. Tom
Philpott. AF Times 43:4 Oct 25 '82

Management support service contracts: Clear
potential for fraud. TIG Brief 34:4 Nov 15
'82

New efficiency program. illus AF Times 42:14
Jan 4 '82

New fraud, waste, and abuse regulation
(AFR 123-2). LtGen Howard W.Leaf. TIG Brief
34:2 Apr 16 '82

Precious metals: Losses we cannot afford.
LtCol Larry J.Goar. tabs AF J Log 6:8-13+
Fall '82

Progress report from the fraud & waste front.
Joseph H.Sherick. illus Defense/82,
pp 20-28, Feb '82

FRAUD - Continued

Public affairs guidance for handling confirmed cases of fraud, waste, and abuse. Gen Lew Allen, Jr. TIG Brief 34:1-2 Mar 5 '82

Small unit Fraud, Waste, and Abuse (FWA) prevention programs. TIG Brief 34:15 Feb 5 '82

VA wants money owed by 1 million veterans. Larry Carney. AF Times 42:10 May 10 '82

FREDERICK, Robert T.

(MajGen Robert T. Frederick) the war made him, peacetime broke him. Anne Frederick-Hicks. illus por Army 32:48-51+ Sep '82

FREE WORLD

The crisis builds up. LtCol I. Garbuzov. Soviet Mil Rev No. 9:42-43 Sep '82

"A growing anti-Alliance attitude threatens free world defense." Interview. MajGen Richard C. Bowman, Ret. illus por Armed Forces J Intl 119:66+ Feb '82

FREEDOM

The freedom papers (the Constitution of the United States and the Bill of Rights). Karen E. Thuermer. illus Sergeants 20:18-21 Jul '82

Technology, responsibility, and discipline in a free society. RADM Henry E. Eccles, Ret. Log Spectrum 16:24-30 Summer '82

Using freedom to destroy it. (Excerpt from the Accuracy in Media's AIM Report, 1 Dec 1981) Reed Irvin. illus Officer 58:22-26 Mar '82

FREEDOM OF INFORMATION

The hospital incident report: Asset or liability? Capt Robert N. Spencer. AF Law Rev 22:148-167 '80/'81

Release of uniform police traffic collision report (AF Form 1315). TIG Brief 34:11 Feb 19 '82

FREEMAN, Rowland G. III

Strategic management--a concept whose time has come. RADM Rowland G. Freeman III, Ret. tab illus Log Spectrum 16:8-16 Fall '82

FREEZE, James E.

ESM vs SIGINT and the EW battle. MajGen James E. Freeze, Ret. por J of Elect Def 5:21-22 Jun '82

The Falklands and Lebanon reinforce EW lessons. MajGen James E. Freeze, Ret. por Mil Elect/Countermeasures 8:67 Aug '82

Hope blossoms for speedier EW acquisition. MajGen James E. Freeze, Ret. illus por Mil Elect/Countermeasures 8:13+ Dec '82

FREIGHT AND FREIGHTAGE

A new role for motor carriers: Can the trucking industry survive the demands of a changing operating environment? Kenneth J. Larsen. Def Trans J 38:18-22 Apr '82

Roadrailer: Multi-modal technology. Henry A. Fahl. illus Def Trans J 38:33-35 Dec '82

FRIGATES see DestroyersFRINGE BENEFITS

Active to Reserve. SP5 Terri Wiram. illus tabs Soldiers 37:49-53 Feb '82

Approved benefits remain unfunded. Martha Lynn Craver. AF Times 42:1+ Jul 19 '82

Behind your entitlements. Capt Katie Cutler. illus Airman 26:7-11 Jan '82

Benefits 'wish list' loses DOD support. Tom Philpott. AF Times 43:1+ Dec 13 '82

'Competitive' pay DOD's concern for FY '83. AF Times 42:3 Mar 15 '82

(Congressional) Budget Office considers GI Bill, other incentives. AF Times 42:14 Mar 29 '82

DOD makes CHAMPUS changes. AF Times 42:4 Apr 19 '82

'Flat tax' may endanger military exclusions. Tom Philpott. AF Times 43:1+ Sep 20 '82

Hill tables benefits--pay, funds bill delayed until the new year. AF Times 43:1+ Dec 27 '82

House (Armed Services Committee) Panel okays GI Bill. AF Times 42:12 May 24 '82

House (Armed Services Subcommittee on Military Personnel and Compensation) Panel faces GI Bill showdown. AF Times 42:20 May 3 '82

Legislation would restore several benefits. AF Times 42:1+ Mar 1 '82

Medical (care). illus Soldiers 37:33-35 Jan '82

New CHAMPUS benefits in the offing. illus AF Times 42:3 Apr 5 '82

Retirement & VA benefits. illus Soldiers 37:51-56 Jan '82

Senate panel guts people programs. Martha Lynn Craver. AF Times 43:1+ Oct 4 '82

Services' 'wish list' asks travel benefits. Tom Philpott. AF Times 43:1+ Nov 15 '82

3 states eye bills to benefit military. AF Times 42:7 Jan 25 '82

What every commander and supervisor should know about the CCAF. Col Lyle E. Darrow. TIG Brief 34:1-2 Feb 19 '82

Where the price is always right. SSgt Mike Hawkins. illus Airman 26:15-20 Jan '82

FROGMEN see Divers and Diving

FRY, Edward R.

104th (NGAUS) General Conference: What they said. illus Natl Guard 36:22-29 Dec '82

FUEL CONSERVATION see Energy Conservation

FUEL CONTAMINATION

Water-finding paste for determining water contamination in jet fuel. TIG Brief 34:7 Jul 23 '82

FUEL SYSTEMS

See also
Airplanes, Military--Fuel Systems

FUELS

See also
Airplanes, Jet-Propelled--Fuels
Airplanes, Military--Fuels
Helicopters, Military--Fuels
Power Resources
Propellants
Ships--Fuels

AF charged with dumping fuel in N.Y. John Ginovsky. AF Times 43:2 Aug 30 '82

The Central Europe pipeline system. BrigGen Claude M. Kicklighter. illus por NATO's Fifteen Nations Special Issue No.2:84+ '81

Class III management--a many-faceted problem. LtCol Thomas H. Fletcher. Army Log 14:36-37 Jul-Aug '82

Flightline fuel spills. TIG Brief 34:9-10 May 14 '82

Fuel and the battle fleet: Coal, oil, and American naval strategy, 1898-1925. John H. Maurer. Nav War Col Rev 34:60-77 Nov-Dec '81

Liquid hydrogen--fuel of the future. Col Richard B. Pilmer. illus tab AF J Log 6:26-28 Summer '82

What is a fuels QAR? (Quality Assurance Representative). TIG Brief 34:9 Jun 11 '82

FUQUA, Don

(Politics of space) Rep Don Fuqua. Interview. por tab Mil Sci & Tech 2:22-27 '82

FURLONG, Raymond B.

The utility of military forces. LtGen Raymond B. Furlong, Ret. AU Rev 33:29-33 Nov-Dec '81

FUSES, ORDNANCE

Airborne bombs and fuzes. Vittorio Di Sambuy and others. tabs illus Asian Def J No.3:78-82 Mar '82

FUSES, ORDNANCE - Continued

Changes, 2.75 inch rocket system upgrade. Capt David R. Reger. USA Avn Dig 28:39-44 Aug '82

Evolution of the adaptive proximity fuze. Richard P. Fairall. illus Natl Def 66:26-28+ Apr '82

FUTURE

See also
War, Future

ASW: Mission impossible? Stefan Geisenheyner. illus Asian Def J No.9:56-58+ Sep '82

Advanced civil military aircraft ACMA: Air-lift for the future. LtCol Ronald L. Baldwin and Maj James E. Mrazek. illus MAC Flyer 29:4-6 Jan '82

Army aviation systems program review '82. MajGen Carl H. McNair, Jr and Capt Josef Reinsprecht. illus por USA Avn Dig pt 1, 28:38-44 Jun '82; pt 2, Concepts, doctrine and tactics panel. 28:8-13 Jul '82; pt 3, Organization and force structure panel. 28:36-39 Sep '82; pt 4, The training panel. 28:2-8 Oct '82; pt 5, The materiel panel. 28:9-13 Oct '82

The assault breaker program: U.S. stand-off weapon technology of the future. Mark Hewish. illus Intl Def Rev 15, No.9:1207-1211 '82

Battle doctrine for the 21st century. Tony Velocci. illus Natl Def 67:11-14 Nov '82

Bluewater blueprint: The fleet of the future--some guiding principles. John E. Moore. illus Sea Power pt 1, 25:119-120+ Apr '82; pt 2, The fleet of the future--the impact of technology. James W. Lisanby and Reuven Leopold. 25:127-128+ Apr '82

British land forces: The future. Gen Sir Edwin Bramall. illus RUSI J for Def Studies 127:17-22 Jun '82

Challenges to financial management in the next decade. BrigGen D. Lynn Rans. tabs Armed Forces Compt 27:4-8 Fall '82

The China syndrome. Edward Teller. Mil Sci & Tech 2:37-40 '82

Communications in the 80s and the Federal Communications Commission. (Interview with FCC Chairman Mark Fowler) illus Signal 36:13+ Jan '82

Computer programming. William A. Delaney. Natl Def 67:35-38 Nov '82

Defense computers and software--what's ahead for AI (Artificial Intelligence)? Earl C. Joseph. Concepts 5:141-147 Autumn '82

Different directions: Planning for tomorrow's Corps. MajGen R.C. Schulze, Ret. illus MarCor Gaz 66:30-37 Mar '82

Dodo or phenix? (Structure of the U.S. carrier fleet 1985 to 2010) Joseph L. Wiggins. illus Mil Sci & Tech 2:44-50 '82

FUTURE - Continued

Does modern technology change the rules of geopolitics? Randall Collins. J Pol & Mil Sociol 9:163-177 Fall '81

Electronics industry can anticipate strong growth in 1983. Harry V. Martin. tabs Mil Elect/Countermeasures 8:28-31 Dec '82

Fighters, bombers loom large--year 2000: AF outlook. Leonard Famiglietti. AF Times 42:1+ Jul 12 '82

The five-year spending plan. James W. Abelera and Roger P. Labrie. tabs AEI For Polcy & Def Rev 3, No. 4-5:4-46 '81

Forecasting future forces. Capt Charles D. Allen, Jr. Ret. illus tab US Nav Inst Proc 108:74-80 Nov '82

The future of East-West relations: Some policy perspectives. Johan Jørgen Holst. Nav War Col Rev 35:12-22 Sep-Oct '82

Future technology in the railroad industry. William J. Harris, Jr. illus Def Trans J 38:35-38 Dec '82

Geopolitics: Predictions for the year 2000. ADM E.R. Zumwalt, Jr. Ret. Def Sci 2000+ 1:46-55 May-Jun '82

The governance of international affairs. Charles Yost. Intl Sec 6:207-222 Winter '81/'82

Hip boots or blue water? An examination of the U.S. Coast Guard and its future. CAPT Robert G. Moore. illus US Nav Inst Proc 108: 182-197 May '82

Industry adoption of new(er) marine technologies: Directions and scope over the next 15 years. Clinton H. Whitehurst, Jr. illus Def Trans J 38:27-31 Dec '82

Information processing--visions of the future (use of computers in the information age). James L. Bispo and others. illus Signal 36: 13-14+ Feb '82

Liquid hydrogen--fuel of the future. Col Richard B. Pilmer. illus tab AF J Log 6:26-28 Summer '82

Manpower models as tools of military planning. Murray W. Rowe. illus Def Mgt J 18:20-25 Fourth Quarter '82

Moving ammunition for the Army of the future. Bruce P. Schoch. illus Natl Def 66:35-38+ Apr '82

FUTURE - Continued

NATO--the status of C : NATO C --a look at the 80s. MajGen William G. MacLaren, Jr. Signal 37:24+ Dec '82

The National Airspace System plan: Blueprint for the future. Siegbert Poritzky. tab Signal 36:148+ May-Jun '82

National security in an insecure age. Laurence Martin. Nav War Col Rev 35:4-11 Sep-Oct '82

North-South relations in the 1980s. Theodore H. Moran. Nav War Col Rev 35:23-32 Sep-Oct '82

A partnership for the year 2032 and beyond: The story of the National Science Center for Communications and Electronics. illus Signal 37:84-86 Nov '82

Programs needed to combat nonviolent acts. Leonard Famiglietti. AF Times 43:7 Aug 16 '82

Propulsion trends for unmanned air vehicles. Robert P. Schiller. illus tabs Natl Def 67:26-30 Sep '82

RPV airframe trends. D.J. Mourey. illus Natl Def 67:22-25 Sep '82

The robot revolution. William Bogie. illus Natl Def 66:56-60 May-Jun '82

Soviet force development. James Hansen. illus Natl Def pt 1, 66:16-19 Oct '81; pt 2, 66: 22-27 Nov '81; pt 3, 66:27-30+ Feb '82

Spain and NATO. Capt Ramón Jaudenes Agacino. map illus Intl Def Rev 15, No. 5:549-550 '82

Thoughts at thirty-five: The Air Force's future is now. Verne Orr. illus por AF Mag 65:90+ Sep '82

'Vision 2000' study group seeks future. Don Mace. AF Times 42:14 Feb 8 '82

Watersheds and turning points. John J. McIntyre. Def Sci 2000+ 1:35-36+ May-Jun '82

Western air power in transition. Roy Braybrook. illus Def & For Aff 9:19-21 Oct '81

Winning the airland battle 2000. Judith C. Anspacher. illus Mil Elect/Countermeasures 8:47-50 Jul '82

GABRIEL, Charles A.

The central region air battle. Gen Charles A. Gabriel. illus por NATO's Fifteen Nations Special Issue No.2:26-29+ '81

(Charles A.) Gabriel for (Lew) Allen as chief: Differing styles converge. Bruce Callander. illus AF Times 42:7 Jul 19 '82

From silk scarf to spacecraft. Gen Charles A. Gabriel. Address, AFA's Annual National Convention, Sep 1982. illus por AF Mag 65: 80-83 Nov '82

(Gen Charles A.) Gabriel named 11th Air Force Chief. por Armed Forces J Intl 119:20 Apr '82

General (Charles A.) Gabriel nominated AF C/S. por AF Times 42:3 Mar 29 '82

The new Chief (of U.S. Air Forces in Europe): Strong on readiness. illus por AF Mag 65:50 May '82

104th (NGAUS) General Conference: What they said. illus Natl Guard 36:22-29 Dec '82

Open to new ideas. Gen Charles A. Gabriel. por illus AF Mag 65:100-102 Sep '82

United States. Gen Charles A. Gabriel. illus por NATO's Fifteen Nations Special Issue No.1:43 '82

United States Air Forces in Europe. illus tab por chart AF Mag 65:116-117 May '82

"We can count on our allies. I'm not sure the Warsaw Pact can count on theirs." Interview. Gen Charles A. Gabriel. illus por Armed Forces J Intl 119:25-28+ Jan '82

GALLOTTA, Albert A.

Navy shipboard EW quick fix. RADM A.A. Gallotta. illus tabs J of Elect Def 5:36-42+ Apr '82

Status of Navy EW and C-C³. RADM Albert A. Gallotta, Jr. illus Signal 36:23-27 Apr '82

GALVIN, John R.

Army aviation systems program review '82. MajGen Carl H. McNair, Jr and Capt Josef Reinsprecht. illus por USA Avn Dig pt 1, 28:38-44 Jun '82; pt 2, Concepts, doctrine and tactics panel. 28:8-13 Jul '82; pt 3, Organization and force structure panel. 28:36-39 Sep '82; pt 4, The training panel. 28:2-8 Oct '82; pt 5, The materiel panel. 28:9-13 Oct '82

Chain training. MajGen John R. Galvin. Infantry 72:17-18 Sep-Oct '82

The heavy/light concept. MajGen Jack Galvin. illus Armed Forces J Intl 119:66+ Jul '82

'Round out' is alive, working in Georgia. MajGen John R. Galvin. illus Army 32:36-39+ Nov '82

GANDHI, Indira

Indian Prime Minister's visit to the United States. Ahsan Ali Khan. illus Asian Def J No.12:78-80+ Dec '82

GAS TURBINES

PEB (Propulsion Examining Boards): Is it working? CAPT Abe Greenberg, Ret and LCDR Russell M. Blauvelt. illus US Nav Inst Proc 108:34-40 Feb '82

Powering the new frigates. Ian Hamilton. illus Pac Def Rep 8:14-16+ Jun '82

GAS TURBINES (AIRCRAFT)

Small is versatile (range of technology encompasses small as well as large turbine engines). Steven L. Thompson. illus AF Mag 65:72-75 Jan '82

Turbine technologies of tomorrow. Frank W. McAbee, Jr. illus AF Mag 65:80-83 Jan '82

GASES

See also
Oxygen

Alloy extends life and reliability of submarine air purification system. illus Natl Def 67:32+ Nov '82

GASES IN WARFARE see Chemical-Biological Warfare

GAST, Philip C.

Operators & engineers: Readiness partners. LtGen Philip C. Gast. illus por map AF Engrg & Svcs Qtr 22:8-12 Winter '81/'82

GENERAL ACCOUNTING OFFICE

(ADM Hyman G.) Rickover sparks audit. AF Times 42:13 Jun 14 '82

DOD denies GAO access to cost documents on B-1. Paul Smith. AF Times 42:3 May 10 '82

Energy dollars diverted. AF Times 42:12 Mar 8 '82

GAO: Agent Orange exams often inadequate. Don Hirst. AF Times 43:39 Nov 15 '82

GAO: Biodata inventories would cut washout rate. AF Times 42:7 Apr 12 '82

GAO calls child care centers unsafe. Allen E. Carrier. AF Times 42:4 Jun 14 '82

GAO: DOD investigation of press leak proper. AF Times 43:17 Nov 22 '82

GENERAL ACCOUNTING OFFICE - Continued

GAO: DODDS needs tighter control over money and supplies. AF Times 43:10 Nov 22 '82

GAO: End lookback, save \$445M. Paul Smith. AF Times 42:3 Jun 21 '82

GAO questions 30mm gun urgency. Leonard Famiglietti. AF Times 42:24 Jan 11 '82

GAO: Rear hospitals may be swamped in war. AF Times 43:34 Aug 9 '82

GAO: Reinstate military unemployment benefits. AF Times 42:4 Feb 1 '82

GAO report: Ease med standards, get more quality recruits. AF Times 42:17 Mar 15 '82

GAO review shows FLEP (Funded Legal Education Program) easing lawyer shortage. Tom Philippott. AF Times 43:4 Oct 11 '82

GAO: Slow pay, tough rules drive away meat suppliers. AF Times 42:16 Mar 15 '82

GAO supports direct pay link for military. AF Times 42:6 Mar 1 '82

GAO to Congress: Weigh alternatives to GI Bill. Paul Smith. AF Times 42:4 Feb 8 '82

GAO to Services: Stop space role squabbling. Leonard Famiglietti. AF Times 42:7 Feb 15 '82

GAO to Services: Use resources better. AF Times 42:8 May 10 '82

GAO: Troops in (El) Salvador got fire pay. Paul Smith. AF Times 43:12 Aug 16 '82

GAO wants 'open competition' for CX. AF Times 42:12 Jan 25 '82

Manpower policies, costs come under GAO scrutiny. Paul Smith. AF Times 43:4 Oct 25 '82

Many overseas underpaid. Paul Smith. AF Times 42:1+ Feb 15 '82

GENERAL OFFICERSAir Force--U.S.

Air Force generals serving in joint and international slots. illus AF Mag 65:118-119 Sep '82

Bowing in, out. Regular feature in issues of Air Force Times

General (Nathan F.) Twining dies at 84. Ann Leopard. por obit illus AF Mag 65:46-47 May '82

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

The new Chief (of U.S. Air Forces in Europe): Strong on readiness. illus por AF Mag 65:50 May '82

Senior staff changes. Regular feature in issues of Air Force Magazine

GENERAL OFFICERS - ContinuedArmed Forces--Soviet Union

Top leaders of the Soviet Armed Forces. Harriet Fast Scott. illus AF Mag 65:49 Mar '82

Armed Forces--U.S.

Politics and promotions. John G. Kester. Parameters 12:2-13 Dec '82

Star reforms could ease Hill pressure. tabs AF Times 42:4 Apr 19 '82

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Army--Soviet Union

Major General Pyotr Grigorenko--Soviet heretic. Marius Gaius. illus Mil Rev 62: 2-14 Oct '82

Army--U.S.

General officer changes. Regular feature in News Call section of some issues of Army

Directories

Senior Army officers in special assignments. Army 32:227 Oct '82

History

Dateline: Little Big Horn. Maj Clifford H. Bernath. illus Soldiers 37:48-51 Oct '82

Marine Corps--U.S.

General officer changes. (Title varies) Regular feature in some issues of Marine Corps Gazette

Directories

Flag and General Officers of the Naval Services. illus US Nav Inst Proc 108:221-251 May '82

GENERAL PURPOSE FORCESSee also

Tactical Air Forces

United States

The Reagan defense program: A focus on the strategic imperatives. Fred Charles Ikle. illus Strat Rev 10:11-18 Spring '82

The Reagan defense program: Can it hold up? Herschel Kanter. illus tabs Strat Rev 10: 19-34 Spring '82

GENERAL SERVICES ADMINISTRATIONSee also

Federal Supply Service

GENERAL SERVICES ADMINISTRATION - Continued

General Services Administration. Allan W. Beres. illus chart Def Trans J 38:53-54 Feb '82

General Services Administration (GSA) contract vehicle rentals. TIG Brief 34:13 Aug 6 '82

General Services Administration (GSA) contract vehicle rentals: Fraud investigations. TIG Brief 34:13 Aug 27 '82

GENEVA CONVENTIONS

The law of war in the United States Court of Military Appeals. Maj Burrus M. Carnahan. AF Law Rev 22:120-136 '80/'81

GEOGRAPHY

See also
Military Geography

GEOPOLITICS

Air power on the Asian subcontinent. Naila Durani. Def & For Aff 10:39-40+ Apr '82

Does modern technology change the rules of geopolitics? Randall Collins. J Pol & Mil Sociol 9:163-177 Fall '81

Geopolitics for an uncertain era. George Ott. AU Rev 33:29-35 Sep-Oct '82

Geopolitics: Predictions for the year 2000. ADM E.R. Zumwalt, Jr, Ret. Def Sci 2000+ 1:46-55 May-Jun '82

GEORGE, Harold L.

The pioneer plan for air war. DeWitt S. Copp. AF Mag 65:74-78 Oct '82

GERM WARFARE see Chemical-Biological WarfareGERMANY (FEDERAL REPUBLIC) see Germany (West)GERMANY (WEST)Politics and Government

The "peace movement" and NATO: An alternative view from Bonn. Manfred Worner. illus Strat Rev 10:15-21 Winter '82

Sturm und drang--West Germany's power transition means strategic changes ahead. Col Robert Jarman. illus Def & For Aff 10:10-12 Nov '82

West German party politics and theater nuclear modernization since 1977. David S. Yost and Thomas C. Glad. Armed Forces & Soc 8:525-560 Summer '82

Strategic Importance

A German view of arms control and east-west security. Heinz Schulte. illus maps tab Intl Def Rev 15, No.10:1369-1374+ '82

GILBERT, William D.

Air Force engineering--our solemn obligation. MajGen William D. Gilbert. por chart illus Mil Engr 74:16-19 Jan-Feb '82

A change at the top. H. Perry Sullivan. illus por AF Engr & Svcs Qtr 23:30-32 Summer '82

Facilities readiness. Interview. MajGen (William D.) Gilbert. illus por AF Engr & Svcs Qtr 22:4-7 Winter '81/'82

GODWIN, Paul H.B.

China's defense modernization--of tortoise shells and tigers' tails. Paul H.B. Godwin. illus AU Rev 33:2-19 Nov-Dec '81

GOLD see MetalsGOLDSWORTHY, Harry E.

ICBM site activation. LtGen Harry E. Goldsworthy, Ret. illus Aerosp Hist 29:154-161 Sep '82

GOLDWATER, Barry M.

Barry Goldwater and the military balance: A warning to President Reagan. Anthony H. Cordesman. tabs Armed Forces J Intl 119:88+ May '82

GORGAS, Josiah

Forgotten hero of the Confederacy (BrigGen Josiah Gorgas). M.L. Brown. illus por Natl Def 66:52-58 Jan '82

GORSHKOV, Sergey G.

Admiral (Sergey G.) Gorshkov and the Soviet navy. illus map AU Rev 33:29-47 Jul-Aug '82

A carrier for Admiral (Sergey G.) Gorshkov. Dov S. Zakheim. Nav War Col Rev 35:32-39 Jan-Feb '82

GOVERNMENT AGENCIESUnited StatesLaws and Regulations

American Enterprise Institute on government regulation. tab Govt Exec 14:13+ Feb '82

GOVERNMENT EMPLOYEES see Civilian EmployeesGRACEY, James S.

CG (Coast Guard) benefits most by staying in DOT (Department of Transportation): Commandant against moving to Defense Department. ADM James Gracey. Letter. illus Officer 58: 18-20 Aug '82

GRACEY, James S. - Continued

New USCG commandant takes charge at a time of great change. James D. Hessman and Vincent C. Thomas, Jr. Interview. illus por Sea Power 25:8-10+ Aug '82

(VADM James Steele) Gracey named as new CG Commandant. por Armed Forces J Intl 119:23 Apr '82

GRADES see Rank

GRADING see Tests and Measurements

GRAHAM, Daniel O.

Preventing World War III--how to neutralize the numbers by exploiting defense in the "high frontier." LtGen Daniel Graham, Ret. Presentation, Hillsdale College's Center for Constructive Alternatives, Hillsdale, MI, Feb 1981. por illus Govt Exec 14:16+ Jul '82

Selling the high frontier defense strategy. Interview. illus por Def Elect 14:169-170+ Oct '82

Will radical new concept change U.S. national strategy? LtGen Daniel O. Graham, Ret. illus tab Mil Elect/Countermeasures 8:8+ Aug '82

GRAHAM, Irwin P.

Major General (Irwin P.) Graham. Interview. por Navigator 29:10-12 Summer '82

GRANGE, David E., Jr

Infantry and air defense in the airland battle. MajGen David E. Grange, Jr. Air Def Mag, pp 24-25, Oct-Dec '81

GRANT, Ulysses S.

Lt Grant and the missing money. John M. Taylor. illus Army 32:67-68 Feb '82

GRAVELY, Samuel L., Jr

OSIS (Ocean Surveillance Information System) extends intelligence coverage beyond radar horizon. VADM Samuel L. Gravely, Jr., Ret. illus map Def Elect 14:69-70+ Apr '82

The Ocean Surveillance Information System (OSIS). VADM Samuel L. Gravely, Jr., Ret. illus Signal 37:30+ Oct '82

GRAVITY

Acceleration induced voltage variations in the electrocardiogram during exhaustive simulated aerial combat maneuvering. James E. Whinnery. tabs Aviation, Space & Envmt Med 53:147-152 Feb '82

An analysis of the risk of human cardiac damage during +G_z stress: A review. M. Harold Laughlin. illus Aviation, Space & Envmt Med 53:423-431 May '82

GRAVITY - Continued

The effects of horizontal body casting on blood volume, drug responsiveness, and +G_z tolerance in the rhesus monkey. D.T. Dick^z and others. tabs Aviation, Space & Envmt Med 53:142-146 Feb '82

G stress on A-10 pilots during JAWS II exercises. Kent K. Gillingham and others. illus tabs Aviation, Space & Envmt Med 53:336-341 Apr '82

Human tracking performance changes during combined +G_z and +G_y stress. John W. Frazier and others. tabs Illus Aviation, Space & Envmt Med 53:435-439 May '82

Regional distribution of cardiac output in unanesthetized baboons during +G stress with and without an anti-G suit. M. Harold Laughlin and others. tabs Aviation, Space & Envmt Med 53:133-141 Feb '82

Vertigo . . . it's not a joke. LtCol Gerald H. Sherrill. Flying Safety 38:24-25 Jul '82

GRAY, David W.

Is unit replacement really the way to go? MajGen David W. Gray, Ret. illus Army 32:55-57 Jun '82

GREAT BRITAINForeign RelationsArgentina

Britain's near-thing victory--the Falklands: A British assessment. Charles W. Corddry. illus AF Mag 65:50-53 Dec '82

Falklands: Much at stake for British. Bud Andrews. AF Times 42:23-24 Apr 19 '82

The Falklands War: Update. Gregory Copley. illus Def & For Aff pt 1, 10:6-7+ May '82; pt 2, 10:15+ Jun '82

Reflections on the Falkland Islands dispute. P. Lewis Young. illus map Asian Def J pt 1, No. 6:44-46+ Jun '82; pt 2, No. 7:30-32+ Jul '82; pt 3, No. 8:30-31+ Aug '82

India--History

Royal Air Force North-West Frontier, India, 1915-39. SqLdr A. J. Young, Ret. illus RUSI J for Def Studies 127:59-64 Mar '82

United States

Diego Garcia: Political clouds over a vital U.S. base. Joel Larus. illus Strat Rev 10:44-45 Winter '82

Rebuilding the Anglo-American alliance. Benson Lee Grayson. Parameters 12:15-22 Mar '82

Strategic Importance

UK air defence--a NATO necessity. AVM P. R. Harding. Hawk, pp 15-26, Feb '82; NATO's Fifteen Nations Special Issue No. 1:54-55+ '82

GREECE

Focus on Greece. charts illus map Mil Tech
6:32+ Oct '82

Foreign RelationsN A T O

The Greek military regime (1967-1974) and
the Cyprus question--origins and goals.
Constantine P. Danopoulos. tab J Pol &
Mil Sociol 10:257-273 Fall '82

Politics and GovernmentHistory

Restoring democracy to its birthplace: American
assistance to post-war Greece. Col
Angelo de Guttadauro. map Air Def Mag,
pp 9-12, Oct-Dec '81

GREENE, Wallace M., Jr

Reorganizing the JCS. por MarCor Gaz 66:33-35
Sep '82

GRENADES

Renewed interest for rifle grenades. LtCol
Pierre Crèvecoeur, Ret. illus Armada Intl
6:14+ Jan-Feb '82

GRIEVANCE PROCEDURES

Adverse action appeals: Merit System Protection
Board versus negotiated grievance
procedure. TIG Brief 34:11 Oct 25 '82

GRINSTEAD, Eugene A.

The Defense Logistics Agency: Provisioning
diversified support to the military. VADM
Eugene A. Grinstead. Log Spectrum 16:11-14
Winter '82

GRINTER, Lawrence E.

The Soviet invasion of Afghanistan: Its
inevitability and its consequences. Lawrence
E. Grinter. maps Parameters 12:53-61 Dec '82

GROUND EFFECT MACHINES see Air Cushion VehiclesGROUND FORCES

The continuing evolution of the Soviet ground
forces. Donald L. Madill. illus Mil Rev 62:
52-68 Aug '82

Ground mobility in perspective. LtCol Burton
S. Boudinot, Ret. illus Armor 91:38-40 Jan-
Feb '82

Soviet force development. James Hansen. illus
Nat'l Def pt 1, 66:16-19 Oct '81; pt 2, 66:
22-27 Nov '81; pt 3, 66:27-30+ Feb '82

Education and Training

Ivan has training problems. Arthur W. Mc-
Master III. illus Armor 91:31-34 May-Jun
'82

GROUND SAFETY

See also
Seat Belts

Conductivity additive in turbine fuels. TIG
Brief 34:19 Feb 5 '82

Deployment into host-nation bases. TIG Brief
34:16 Apr 2 '82

Down to earth. Regular feature in some issues
of TAC Attack

Ground handling of explosives-loaded air-
craft. TIG Brief 34:7 Feb 5 '82

Private Motor Vehicle (PMV) facts. tab TIG
Brief 34:13 Apr 2 '82

GROUND SUPPORT see Close Air Support

GROUND-SUPPORT EQUIPMENT

See also
Airplanes, Military--Ground-Support Equipment

The forward support maintenance concept.
LtCol Paul G. Bowers and Maj Herbert Guidry.
illus Mil Rev 62:11-17 May '82

MJ-1 and MHU-83 bomblift remanufacture. TIG
Brief 34:9 Apr 16 '82

GUARANTY see Warranty

GUERRILLA WARFARE

The conflict index. Regular feature in issues
of Defense & Foreign Affairs

Africa, South

High strategic stakes in Southern Africa.
James Hansen. illus tab Nat'l Def pt 1,
66:42-46 May-Jun '82; pt 2, 67:42-46
Jul-Aug '82

Latin America

Psychological warfare and the Latin American
crisis. Robin Navarro Montgomery. illus
AU Rev 33:48-57 Jul-Aug '82

Sahara

There's a new armored war (modified by the
experiences in the Iran-Iraq War and the
Saharan Conflict) being fought. Michael C.
Dunn. Def & For Aff 10:6-7+ Jan-Feb '82

Zimbabwe

ZANLA's (Zimbabwe African National Liberation
Army) war in Zimbabwe-Rhodesia: A lesson in
strategy and tactics. Capt Paul Melshen.
illus US Nav Inst Proc 108:118-119 Aug '82

GUIDED MISSILES see Missiles

GULF COOPERATION COUNCIL

Gulf security: The states look after them-
selves. Michael C. Dunn. illus Def & For
Aff 10:6-9+ Jun '82

GUNBOATS see WarshipsGUNNERY

Density altitude and tank gunnery. MSgt Emil M. Dular. illus tabs Armor 91:7-10 May-Jun '82

Standard prepare-to-fire checks. LtCol Lemos L. Fulmer and others. Armor 91:35-37 Nov-Dec '82

Study and Teaching

Close encounter of a B-17 gunner. Col George K. Bernhard, Jr. illus Aerosp Hist 29:106-110 Jun '82

Do we really know how good our tank crews are? LtCol David C. Holliday, Ret. illus Armor 91:19-22 May-Jun '82

German tank gunnery. LtCol Georg K. Schulze-Buettger. illus tab Armor 91:10-14 Mar-Apr '82

The gunnery team in Southwest Asia. Maj Heinz A. Schiemann. illus tabs Fld Arty J 50:7-13 Jul-Aug '82

Laser simulators: The Army is testing European laser simulators. Paul A. Chadwell. illus Natl Def 66:17-18+ Mar '82

The Mystere 20: Target tug. Germain Chambost. illus Intl Def Rev 15, No. 11:1546 '82

Simulators: The European experience. Paul A. Chadwell. illus Natl Def 66:28-31 Mar '82

TV and integrated gunnery training. Maj Robert Heritsch. illus Armor 91:8-11 Sep-Oct '82

Tank gunnery qualification in the 1980's. Maj C.D. McFetridge. tab Armor 91:10-12 Jan-Feb '82

GUNNERY, AERIAL

See also
Fighter Weapons and Gunnery Meets

Twilight of the tail-tail gunners. SSgt Jim Katzaman. illus Airman 26:41-47 Dec '82

GUNNERY RANGES see Bombing and Gunnery RangesGUNS

See also
Machine Guns

Accurate artillery firing with fire control radar. Werner Meyer. illus Mil Tech 6: 110-111 Nov '82

Aircraft versus FACs (Fast Attack Craft). Ezio Bonsignore. illus tab Mil Tech 6: 13-14+ Nov '82

Army air defense simulators. Robert Chalmers. illus NATO's Fifteen Nations Special Issue No. 1:104+ '82

GUNS - Continued

The Arwen 37 anti-riot weapon. Mark Hewish. illus Intl Def Rev 15, No. 10:1430 '82

Automatic weapons for aircraft. Roy Braybrook. illus Pac Def Rep 9:58-60 Aug '82

The Big Berthas: How successful? RADM William H. Langenberg. illus Mil Rev 62:23-32 Nov '82

Brandt gun-mortars. R.M. Ogorkiewicz. illus tab Intl Def Rev 15, No. 2:201-204 '82

DARDO close-range anti-missile defence system. Enrico Po. illus (Also cutaway) NATO's Fifteen Nations 27:60-63 Feb-Mar '82

Ford: The Army's choice for the DIVAD gun. Maj Thomas A. Vereb. illus Air Def Mag, pp 34-36, Oct-Dec '81

GAO questions 30mm gun urgency. Leonard Famiglietti. AF Times 42:24 Jan 11 '82

The GHN-45: A new long range towed howitzer from Austria. R.D.M. Furlong. illus tabs Intl Def Rev 15, No. 6:763-768 '82

Guns vs butter--without the guns? Col John G. Miller and Maj H.W. Peterson. illus US Nav Inst Proc 108:32-37 Jan '82

The Hughes "chain gun" concept. Paul Turk. illus Mil Tech 6:37+ Jul '82

The M198--new howitzer for light divisions. Maj Walter B. Brown II. illus tab Fld Arty J 50:26-29 Jul-Aug '82

The Mauser E: A new 25 mm automatic cannon. Manfred Meibner. illus tab Mil Tech 6:46+ Oct '82

Modernizing the M114 howitzer. Reprinted from International Defense Review 14, No. 9 1981. illus Fld Arty J 50:32-35 Jul-Aug '82

New Rheinmetall 105mm gun on Mowag Shark wheeled armoured vehicle. B. Sauerwein-Reznicek. illus Intl Def Rev 15, No. 7: 929-930 '82

Now for the rail gun. Pac Def Rep 8:11 Feb '82

On the firing line. Regular feature in issues of National Defense

The 120-mm gun improves penetration. Capt John W. Holly. tab Armor 91:18-19 Sep-Oct '82

Pentagon may launch FY '83-'84 R&D program for a full automatic shotgun. Benjamin F. Schemmer. Armed Forces J Intl 119:21-22 Aug '82

Revolutionary new rifle. illus tab Pac Def Rep 9:50-51 Aug '82

The SP70 self-propelled 155mm howitzer. Raimund Germershausen and Heiko U. Gropp. illus tab Intl Def Rev 15, No. 6:777-780 '82

The South African G-6 self-propelled howitzer. Ezio Bonsignore. tab illus NATO's Fifteen Nations 27:100+ Oct-Nov '82

GUNS - ContinuedCharacteristics

The Mauser E: A new 25 mm automatic cannon.
Manfred Meibner. illus tab Mil Tech 6:46+
Oct '82

GUNSHIPS

Attack helicopters. Lt Ronald M. Buffkin.
Infantry 72:9-10 Sep-Oct '82

Automatic weapons for aircraft. Roy Bray-
brook. illus Pac Def Rep 9:58-60 Aug '82

Helicopter aerial combat week--December 14-18,
1981. Capt Greg R. Hampton and 1st Lt Mario
H. Acevedo. illus USA Avn Dig 28:2-11 Aug
'82

Helicopters in modern warfare. Col Norman
L. Dodd, Ret. illus Asian Def J No. 10:
72-76+ Oct '82

GUNSHIPS - ContinuedN A T O

The helicopter in the armoured battle. Col
John Everett-Heath. illus NATO's Fifteen
Nations 27:54-55+ Oct-Nov '82

Soviet Union

Soviet helicopter operations in Afghanistan.
Hunter Alexander. illus Natl Def 67:27+
Nov '82

United States

Aeroscout operations in the defense. Capt
Robert Johnson. illus Armor 91:12-14
Sep-Oct '82

Arming the aeroscout. Col Robert S. Fair-
weather, Jr. illus USA Avn Dig 28:45-47
Feb '82

The evolving role of attack helicopters.
Maj T.L. Quinter. illus MarCor Gaz 66:30-35
Dec '82

GUNSIGHTS see Fire Control Equipment

H S C see Army Health Services Command

HAGAMAN, Harry T.

Marine Corps intelligence. BrigGen H.T. Hagaman. illus MarCor Gaz 66:50-53 Jan '82

HAIG, Alexander M., Jr

Alexander Haig's White House officer efficiency reports--and some of his others. Benjamin F.Schemmer. illus Armed Forces J Intl 120:82-84+ Dec '82

Martial law made in Moscow. Alexander M.Haig. illus por Pac Def Rep 8:24-26 Mar '82

HALL, Johnnie H.

To save the pilot's life--Soviet air rescue service. LtCol Johnnie H.Hall. illus AU Rev 33:48-57 May-Jun '82

HALL, R.Cargill

The B-58 bomber: Requiem for a welterweight. R.Cargill Hall. illus (Also cutaway) AU Rev 33:44-56 Nov-Dec '81

Theodore Von Kármán, 1881-1963 (influenced the course of modern aeronautics, rocketry, and astronautics). R.Cargill Hall. illus por Aerosp Hist 28:253-258 Dec '81

HALL, Titus C.

Lowry Technical Training Center, Lowry AFB, CO, Commander. Interview. MajGen Titus C. Hall. por illus Navigator 29:9-12 Spring '82

HAND-TO-HAND COMBAT

Study and Teaching

One-on-one tactical training. Jerry D.Freeble and others. Infantry 72:30-34 May-Jun '82

HANDICAPPED

Disabled DACs (handicapped civilians employed by the Army). SSgt Vickey Mouze. illus Soldiers 37:46-48 Mar '82

HANDLING OF MATERIALS see Materials Handling

HANKS, Robert J.

A sea of discord. RADM Robert J.Hanks, Ret. map illus Sea Power 25:9-11+ Dec '82

Whither U.S. naval strategy? RADM Robert J. Hanks, Ret. por Strat Rev 10:16-22 Summer '82

HANSELL, Haywood S.

The pioneer plan for air war. DeWitt S.Copp. AF Mag 65:74-78 Oct '82

HARBORS see Ports

HARDIN, Harold F., Jr

A new era in ammunition management. LtGen Harold F.Hardin, Jr. illus Army Log 14: 18-21 Sep-Oct '82

HARPERS FERRY, VA

History

Without much blood (John Brown's attack on Harpers Ferry, VA, Oct 1859). Lester B. Hazen. map illus Mil Rev 62:57-66 Sep '82

HARTINGER, James V.

Aerospace Defense Center. illus por AF Mag 65:142 May '82

The resurgence of strategic defense. Gen James V.Hartinger. illus Defense/82, pp 30-36, Jun '82

HAYES, John B.

Coast Guard--standing watch on a mix of missions. ADM John B.Hayes. illus Defense/82, pp 32-36, Apr '82

HAYWARD, Thomas B.

(ADM James D.) Watkins named to succeed (ADM Thomas B.) Hayward as CNO. James D. Hessman. por Sea Power 25:41 Apr '82

The Naval Institute president's annual address to the members. ADM Thomas B.Hayward. US Nav Inst Proc 108:17-18+ Aug '82

Navy--3-dimensional capability at sea. ADM Thomas B.Hayward. illus Defense/82, pp 10-17, Apr '82

"Technology PUSH": Opportunities in space. ADM Thomas B.Hayward. Signal 36:19-20+ Mar '82

Thank God for the sitting ducks! ADM Thomas B.Hayward. illus tabs US Nav Inst Proc 108: 22-25 Jun '82

HAZARDOUS DUTY PAY see Incentive Pay

HAZARDOUS MATERIALS see Hazardous Substances

HAZARDOUS SUBSTANCES

AF to spend \$3 million for Tucson cleanup. John Ginovsky. AF Times 43:12 Oct 25 '82

Effects of long-term exposure to low levels of ozone: A review. C.E.Melton. Aviation, Space & Envmt Med 53:105-111 Feb '82

Hazardous waste disposal--chemical fixation techniques. Norman R.Francinques, Jr and others. illus Mil Engr 74:184-187 Apr '82

Hydraulic fluid conversion. TIG Brief 34: 15-16 Jan 8 '82

Hydrazine revisited. illus TAC Attack 22: 24-25 Apr '82

Leachate: Identifying/controlling a hazardous waste. Ed D.Smith and Richard R.Shafer. tab Mil Engr 74:188-189 Apr '82

HAZARDOUS SUBSTANCES - ContinuedTransportation

Danger!!! Handle with care. SP5 Adalino Cabral. illus Translog 13:16-17 May '82

Flatbed trailers. TIG Brief 34:11 Nov 29 '82

Transporting hazardous materials--nothing ever stays the same. Irene Monical. Translog 13:2-3 Apr '82

HEADQUARTERS AIR FORCE RESERVE

Air Force Reserve. por illus tab AF Mag 65: 145-148 May '82

HEALTH AND HYGIENESee also

Diseases
Mental Health
Nutrition
Physical Fitness

Consumer health education. TIG Brief 34:14 May 14 '82

Environmental sampling in infection control. TIG Brief 34:16 May 14 '82

Essential alternative care controls. TIG Brief 34:16 Aug 6 '82

Heart attack risk. illus TAC Attack 22:15 Mar '82

10,000 soldiers had one last year: Vasectomy. SgtIC Norman Oliver. illus Soldiers 37:38-40 Jun '82

HEALTH SERVICES COMMAND see Army Health Services CommandHEARINGSee also

Ears

HEART

Acceleration-induced atrioventricular dissociation: Hemodynamic consequences. James E. Whinnery. tab illus Aviation, Space & Envmt Med 53:432-434 May '82

Acceleration induced voltage variations in the electrocardiogram during exhaustive simulated aerial combat maneuvering. James E. Whinnery. tabs Aviation, Space & Envmt Med 53:147-152 Feb '82

An analysis of the risk of human cardiac damage during +G_z stress: A review. M. Harold Laughlin. illus Aviation, Space & Envmt Med 53:423-431 May '82

The diving response in clinical medicine. Brett A. Gooden. illus Aviation, Space & Envmt Med 53:273-276 Mar '82

Evidence for the involvement of central alpha₂ mechanisms in intrathoracic volume expansion--induced diuresis: A study with clonidine and propranolol. Paul Montastruc and others. tabs Aviation, Space & Envmt Med 53:347-353 Apr '82

HEART - Continued

Heart attack risk. illus TAC Attack 22:15 Mar '82

Limitations of the exercise stress test in the detection of coronary artery disease in apparently healthy men. Sterling R. Piepgrass and others. Aviation, Space & Envmt Med 53:379-382 Apr '82

Regional distribution of cardiac output in unanesthetized baboons during +G_z stress with and without an anti-G suit. M. Harold Laughlin and others. tabs Aviation, Space & Envmt Med 53:133-141 Feb '82

Relationship of personality factors and some social habits to cardiovascular risk in submariners. D.V. Tappan and B.B. Weybrew. tabs Aviation, Space & Envmt Med 53:383-389 Apr '82

Sex differences in cardiac responses to successive apnea periods. P. Sebert and others. tabs Aviation, Space & Envmt Med 53:485-488 May '82

A study of treadmill exercise protocols for Chinese males. Bang-Lee Ho. tabs Aviation, Space & Envmt Med 53:112-116 Feb '82

Ventilation and acid-base equilibrium for upper body and lower body exercise. Michael N. Sawka and others. tabs Aviation, Space & Envmt Med 53:354-359 Apr '82

Women at altitude: Cardiovascular responses to hypoxia. Barbara L. Drinkwater and others. tabs Aviation, Space & Envmt Med 53:472-477 May '82

HEATSee also

Temperature
Thermodynamics

Combat service support in the desert. Maj Edward L. Wiehe. illus Army Log 14:2-6 Mar-Apr '82

Cool that electronics package. Keats A. Pullen, Jr. Signal 37:39-43 Sep '82

Physiological Aspects

The effect of head cooling on deep body temperature and thermal comfort in man. G.A. Brown and G.M. Williams. illus tabs Aviation, Space & Envmt Med 53:583-586 Jun '82

When you're hot, you're hot??? Maj Gary L. Studdard. illus tab Flying Safety 38:5-7 Jul '82

HEATING SYSTEMS

Natural gas regulators. TIG Brief 34:8 Apr 30 '82

HELICOPTER INDUSTRY AND TRADEFrance

French industry--helicopters: A new military range. Pierre Condom and Germain Chambost. illus Interavia 37:586-588 Jun '82

HELICOPTER INDUSTRY AND TRADE - ContinuedUnited States

AUSA '81--part 1: Helicopters dominate. illus
Intl Def Rev pt 1, 15, No.1:75-82 '82;
pt 2, Weapons and sensors. 15, No.2:205-
212 '82

AUSA show 1981 Washington, DC. Mil Tech 6:96+
Feb '82

Better outlook for helicopters. Mark Lambert.
illus Interavia 37:305-308 Apr '82

HELICOPTER TYPE

Only U.S. military helicopters are entered
under type. Authority for the correct desig-
nation of helicopter types is the latest edi-
tion of Jane's All the World Aircraft. For
helicopters of other countries see entries
under specific categories, e.g., Helicopters,
Military--Great Britain.

AH-1

An alternate AH-1 TOW Training System. Capt
Bruce Coons. illus USA Avn Dig 28:38-41
Feb '82

Armor aviation. Capt Thomas H. Trant. illus
Armor 91:26-29 Mar-Apr '82

Cobra survival kit. CW3 John P. Goodrich and
CW2 Bryan D. McClendon. illus USA Avn Dig
28:18-20 Nov '82

Fully modernized Cobras in the National
Guard. LtCol Jerold J. Jensen. USA Avn Dig
28:24-25 Jan '82

AH-64

The AH-64A APACHE and its combat system.
Edward M. Browne. illus tabs Mil Tech 6:
148-152 Oct '82

AUSA '81--part 1: Helicopters dominate. illus
Intl Def Rev pt 1, 15, No.1:75-82 '82;
pt 2, Weapons and sensors. 15, No.2:205-
212 '82

Apache warpath hugs 'nap of the earth.'
illus Officer 58:17-19 Dec '82

"Should we go to war again, God forbid, I
would probably prefer to be in a helicopter
than a . . . tank." Interview. MajGen Carl
H. McNair, Jr. tab illus por Armed Forces J
Intl 119:48-50+ May '82

What's in the Army's arsenal of aircraft?
Deborah G. Meyer. illus Armed Forces J Intl
119:36-37+ May '82

Costs

Press reports of Army AH-64 demise exag-
gerated, but costs pose dilemma. Benjamin
F. Schemmer. illus Armed Forces J Intl 119:
54+ Jan '82

Maintenance and Repair

Keeping the Apache flying and fighting. Maj
Troy J. Roop. illus USA Avn Dig 28:38-41
Mar '82

HELICOPTER TYPE - ContinuedCH-47

CH-47 modernization program: On schedule and
within budget. Geoff Sutton. illus tabs Def
Mgt J 18:26-33 Second Quarter '82

CH-47 operations in Central & South America.
Capt Dennis Patrick and others. illus
USA Avn Dig 28:9-11 Sep '82

See CH-47 Chinook

See AH-1 Cobra

See UH-1 Huey

See AH-1 Hueycobra

See UH-1 Iroquois

See OH-58 Kiowa

See SH-2; SH-60 L A M P S

OH-58

Wire strikes--the OH-58 strikes back. Jerry
J. Morris and LtCol Donald E. S. Merritt. tabs
illus USA Avn Dig 27:24-27 Dec '81

SH-2

LAMPS--a multipurpose weapon system. W.M.
Goddess and R.J. Orrange. illus Asian Def J
No.2:77-85 Feb '82

SH-60

All the chips at sea (how computers have rev-
olutionized the U.S. Navy). Mark Reardon.
illus Sea Power 25:24-30 Jul '82

The enemy below: Update on Navy ASW programs
and systems. Thomas B. Allen. illus Sea
Power 25:11-12+ Oct '82

Helicopters for the FFGs: Defence's 'for but
not with' syndrome. A.W. Grazebrook. illus
tab Pac Def Rep 9:21+ Oct '82

LAMPS MK III ship/air weapon system: A tacti-
cal/surveillance force. C. Del Babb. illus
Signal 37:8+ Oct '82

Navy helicopters. L. Kim Smith. illus NATO's
Fifteen Nations 27:48+ Jun-Jul '82

See AH-1 Seacobra

See SH-60 Seahawk

UH-1

Total electric failure in the UH-1. Roger F.
McPheeters. USA Avn Dig 28:34-35 Feb '82

HELICOPTERSAccidents

See Accidents, Air; Accidents, Ground (Aircraft)

Airworthiness

XV-15: Tilt-rotor technology. LtCol Alan D. York. illus MAC Flyer 29:20-22 Aug '82

Cockpits

The growing market for helicopter autopilots. Pierre Condom. illus Interavia 37:776-777 Aug '82

Control

See Flight Control Systems

Electronic Equipment

See Electronic Equipment (Aircraft)

Instruments

See Aeronautical Instruments

Landing and Takeoff

Wire strikes--we're not alone. illus USA Avn Dig 27:20-23 Dec '81

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Helicopter Industry and Trade

Piloting

Wire strikes--we're not alone. illus USA Avn Dig 27:20-23 Dec '81

Refueling

See also

In-Flight Refueling

Safety Measures

See also

Flying Safety

Tails

Helicopter tail rotors: Is the end in sight? Marc Grangier. illus Interavia No.3:274-275 Mar '82

Takeoff

See Helicopters--Landing and Takeoff

France

The latest Ecureuil 2/TwinStar--an Interavia flight assessment. Mark Lambert. illus Interavia 37:145-147 Feb '82

United States

XV-15: Tilt-rotor technology. LtCol Alan D. York. illus MAC Flyer 29:20-22 Aug '82

HELICOPTERS, EXPERIMENTAL see Aircraft, Experimental

HELICOPTERS, GUNSHIP see Gunships

HELICOPTERS, MILITARY

See also entries on U.S. military helicopters by model designation under the specific types, e.g., Helicopter Type--SH-60

The ASW helicopter--a change of emphasis. Mark Lambert. illus Interavia 37:671-675 Jul '82

Aircraft versus FACs (Fast Attack Craft). Ezio Bonsignore. illus tab Mil Tech 6: 13-14+ Nov '82

The fighter/interceptor helicopter--a concept for today and tomorrow. Maj Frank E. Babiasz illus USA Avn Dig 28:30-32 Jan '82

The helicopter in the armoured battle. Col John Everett-Heath. illus NATO's Fifteen Nations 27:54-55+ Oct-Nov '82

Military role for the BO 105 M. illus tab Armada Intl 6:54+ Jul-Aug '82

Navy helicopters. L. Kim Smith. illus NATO's Fifteen Nations 27:48+ Jun-Jul '82

The world's military helicopter fleets. Tables only. Interavia 37:483+ May '82

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Armament

The AH-64A APACHE and its combat system. Edward M. Browne. illus tabs Mil Tech 6: 148-152 Oct '82

Arming the aeroscout. Col Robert S. Fairweather, Jr. illus USA Avn Dig 28:45-47 Feb '82

Changes, 2.75 inch rocket system upgrade. Capt David R. Reger. USA Avn Dig 28:39-44 Aug '82

The Hughes "chain gun" concept. Paul Turk. illus Mil Tech 6:37+ Jul '82

U.S. Army conventional armament program build-up. Wolfgang Flume. illus Mil Tech 6:84+ Feb '82

Blades

AUSA '81--part 1: Helicopters dominate. illus Intl Def Rev pt 1, 15, No.1:75-82 '82; pt 2, Weapons and sensors. 15, No.2:205-212 '82

Characteristics

Apache warpath hugs 'nap of the earth.' illus Officer 58:17-19 Dec '82

French industry--helicopters: A new military range. Pierre Condom and Germain Chambost. illus Interavia 37:586-588 Jun '82

HELICOPTERS, MILITARY - ContinuedCharacteristics - Cont'd

Gallery of Soviet aerospace weapons: Helicopters. illus AF Mag 65:105-107 Mar '82

Gallery of USAF weapons: Helicopters. illus AF Mag 65:162-163 May '82

Helicopters for the FFGs: Defence's 'for but not with' syndrome. A.W.Grazebrook. illus tab Pac Def Rep 9:21+ Oct '82

Helicopters in modern warfare. Col Norman L.Dodd, Ret. illus Asian Def J No.10: 72-76+ Oct '82

Lynx 3 joins the team. Charles Gilson. illus Intl Def Rev 15, No.7:836-838 '82

Military role for the BO 105 M. illus tab Armada Intl 6:54+ Jul-Aug '82

Combat Evaluation

The AH-64A APACHE and its combat system. Edward M.Browne. illus tabs Mil Tech 6: 148-152 Oct '82

Don't red X helicopters--an endangered advantage. Maj Everette L.Roper, Jr. USA Avn Dig 28:42-46 Mar '82

New potential for the attack helicopter. Col Robert S.Fairweather, Jr. illus Army 32: 42-45 Apr '82

Soviet air defenses against attack helicopters. LtCol Brian P.Mullady. illus USA Avn Dig pt 1, The philosophy. 28:30-35 May '82; pt 2, Individual weapons. 28:32-35 Jun '82; pt 3, ZSU-23-4 Shilka (Soviet automatic antiaircraft system). 28:34-37 Aug '82

Control
See Flight Control Systems

De-icing
See Helicopters, Military--Ice Prevention

Design

Count-down for Lynx 3. Mark Lambert. illus Interavia 37:763-764 Aug '82

Electrical Systems

Total electric failure in the UH-1. Roger F. McPheeters. USA Avn Dig 28:34-35 Feb '82

Electronic Equipment
See Electronic Equipment (Aircraft)

Engines
See also
Gas Turbines (Aircraft)

Full-authority digital engine control: British developments for aircraft applications. Mark Hewish. illus Intl Def Rev 15, No.8:1037-1040+ '82

HELICOPTERS, MILITARY - ContinuedFuels

Increasing efficiency in mobility fuels--an approach to energy conservation. Maj Johnny J.Grice and Capt John R.Morrisette. tabs illus USA Avn Dig 28:45-48 Jan '82

Ice Prevention

Fighting helicopter icing. LtCol Yu. Malakhov. illus Soviet Mil Rev No.11:22-23 Nov '82

Instruments
See Aeronautical Instruments

Landing and Takeoff

Wire strikes--the OH-58 strikes back. Jerry J.Morris and LtCol Donald E.S.Merritt. tabs illus USA Avn Dig 27:24-27 Dec '81

Landing Zones

Consider the balloon. LtCol John G.Heslin. illus USA Avn Dig 27:31-33 Dec '81

Lighting

Yellow is better. CW3 Gary E.Rosomme. USA Avn Dig 28:38-39 May '82

Maintenance and Repair
See Aircraft Maintenance and subdivision
Maintenance and Repair under specific Helicopter Type

Manufacture
See Helicopter Industry and Trade

Piloting

Bad habits--not tricks of the trade: A helicopter IP learns a lesson in instruction. Capt Jerry M.Brewton. illus MAC Flyer 29: 13-15 Oct '82

Chopper pilots. MSgt Mike Mason. illus Soldiers 37:9-13 Feb '82

Don't get rolled--beware of dynamic rollover. illus MAC Flyer 29:16-18 Jun '82

FAIP (First Assignment Instructor Pilot)--an acronym that has to be earned. 1stLts Edward F.Schauberger and Jeffrey S.Alderfer. illus USA Avn Dig 28:26-27 Jan '82

From routine to near disaster. CW3 Robert A. Stolworthy. USA Avn Dig 28:40-43 May '82

Rotor-induced whiteout. illus USA Avn Dig 28:14-15 Sep '82

Tail rotor trickery. Maj J.P.Cress. illus Flying Safety 38:22-25 Aug '82

Victory in air-to-air combat, the Marine Corps way. Betty J.Goodson. illus USA Avn Dig 28:2-7 Jul '82

HELICOPTERS, MILITARY - ContinuedPiloting - Cont'd

Wire strikes--the OH-58 strikes back. Jerry J. Morris and LtCol Donald E.S. Merritt. tabs illus USA Avn Dig 27:24-27 Dec '81

World helicopter champions. Maj Bronislaw R. Maca. illus USA Avn Dig 28:2-8 Jan '82

Power PlantsSee also

Helicopters, Military--Engines

RefuelingSee also

In-Flight Refueling

Safety MeasuresSee also

Flying Safety

Stability

Don't get rolled--beware of dynamic rollover. illus MAC Flyer 29:16-18 Jun '82

Statistics

The world's military helicopter fleets. Tables only. Interavia 37:483+ May '82

Takeoff

See Helicopters, Military--Landing and Takeoff

Testing

USAAEFA (U.S. Army Aviation Engineering Flight Activity) tests help ensure readiness. Betty J. Goodson. illus USA Avn Dig 28:38-41 Oct '82

Australia

Helicopters for the FFGs: Defence's 'for but not with' syndrome. A.W. Grazebrook. illus tab Pac Def Rep 9:21+ Oct '82

Europe, Western

Lynx 3 joins the team. Charles Gilson. illus Intl Def Rev 15, No.7:836-838 '82

Germany (West)

Germany looks for a new 7-tonne helicopter. Mark Lambert. tabs illus Interavia 37: 1103-1104 Oct '82

Great Britain

Count-down for Lynx 3. Mark Lambert. illus Interavia 37:763-764 Aug '82

EH.101 development approved. Derek Wood. tabs illus Intl Def Rev 15, No.8:1053-1054 '82

Full rein for the chopper. T.B.O'Shea. illus Pac Def Rep 9:65-67 Sep '82

HELICOPTERS, MILITARY - ContinuedItaly

EH.101 development approved. Derek Wood. tabs illus Intl Def Rev 15, No.8:1053-1054 '82

N A T O

The role of the armed helicopter in NATO. LtCol Rod Canning. illus NATO's Fifteen Nations Special Issue No.2:98-100+ '81

Soviet Union

The air-land battle--Soviet style. LtCol William P. Baxter, Ret. illus Army pt 1, 31:29-31 Dec '81; pt 2, Soviet air tactics: Get 'em on the ground. 32:34-36 Jan '82

Frontal aviation: Committed to air superiority. LtCol Kerry L. Hines. illus tab AF Mag 65:92-94 Mar '82

Gallery of Soviet aerospace weapons: Helicopters. illus AF Mag 65:105-107 Mar '82

Helicopter aerial combat week--December 14-18, 1981. Capt Greg R. Hampton and 1stLt Mario H. Acevedo. illus USA Avn Dig 28:2-11 Aug '82

Ka-? "Helix" (Soviet Navy's new antisubmarine warfare helicopter). Floyd D. Kennedy, Jr. illus US Nav Inst Proc 108:120-121 Feb '82

Soviet air power: The ever-escalating threat. (Excerpted from 1981 RAF Yearbook) illus Pac Def Rep 8:199-204 Dec '81/Jan '82

Soviet helicopter operations in Afghanistan. Hunter Alexander. illus Natl Def 67:27+ Nov '82

Soviet helicopters at sea. Col E.J. Everett-Heath. tab illus Intl Def Rev 15, No.7: 855-862 '82

Soviet motorized rifle battalion heliborne assault. Dale D. Best. illus Air Def Mag, pp 30-31, Jan-Mar '82

What's in the Soviet helicopter arsenal? Deborah G. Meyer. illus Armed Forces J Intl 119:42 May '82

Statistics

Helicopters--the Soviet view. CW4 Richard A. Davis. illus tabs USA Avn Dig 28:36-42 Jan '82

United States

The AHIP (Army Helicopter Improvement Program): Field artillery aerial observer platform of the future. Col Robert S. Fairweather, Jr and Maj Grant Fossum. illus Fld Arty J 50:14-17 Jul-Aug '82

AUSA '81--part 1: Helicopters dominate. illus Intl Def Rev pt 1, 15, No.1:75-82 '82; pt 2, Weapons and sensors. 15, No.2:205-212 '82

AUSA show 1981 Washington, DC. Mil Tech 6:96+ Feb '82

HELICOPTERS, MILITARY - ContinuedUnited States - Cont'd

Aeroscout operations in the defense. Capt Robert Johnson. illus Armor 91:12-14 Sep-Oct '82

Arming the aeroscout. Col Robert S. Fairweather, Jr. illus USA Avn Dig 28:45-47 Feb '82

Army Aviation: The combat multiplier. Maj Donald L. Trent. illus Infantry 72:18-21 Mar-Apr '82

Army helicopters: The debate goes on. Gregg Easterbrook and LtGen Harry W.O. Kinnard, Ret. por Armed Forces J Intl 119:24-25 Aug '82

Army helicopters: Why? LtGen Harry W.O. Kinnard, Ret. illus por tab Armed Forces J Intl 119:58+ May '82

Attack helicopter operations. (Presentation, 1979 Armor Conference) LtCol John R. McQuestion. illus Asian Def J No.3:62-67+ Mar '82

The Attack Helicopter School and Center of the future. Col David L. Funk. illus USA Avn Dig 28:2-8 Apr '82

The evolving role of attack helicopters. Maj T.L. Quinter. illus MarCor Gaz 66:30-35 Dec '82

Gallery of USAF weapons: Helicopters. illus AF Mag 65:162-163 May '82

Give us our guns & optics--an aeroscout's urgent plea for increasing our combat effectiveness. 1stLt Ronald M. Buffkin. illus USA Avn Dig 28:2-5 Mar '82

Heliborne Electronic Warfare System (HEWS). Col Robert S. Fairweather, Jr. illus USA Avn Dig 28:38-39 Apr '82

Helicopter aerial combat week--December 14-18, 1981. Capt Greg R. Hampton and 1stLt Mario H. Acevedo. illus USA Avn Dig 28:2-11 Aug '82

Hover jam: U.S. Army studies EW helicopter. Dan Boyle. illus Interavia 37:760-762 Aug '82

How do you spell threat? Capt Dale L. Radtke. illus USA Avn Dig 28:35-37 Nov '82

How long can we fight? Maj Charles R. Poulton II. USA Avn Dig 28:9-11 Apr '82

Improving helicopter effectiveness. Maj Thomas D. Walters. illus MarCor Gaz 66:67-71 May '82

JAAT (Joint Air Attack Team): A present concept. Maj William J. Filippini and Capt David S. Prewitt. illus USA Avn Dig 28:2-7 Nov '82

JVX (Joint-Services Advanced Vertical Lift Aircraft Development Program): Pentagon alchemists would change paper to hardware. L. Kim Smith. Govt Exec 14:11-12+ Oct '82

New potential for the attack helicopter. Col Robert S. Fairweather, Jr. illus Army 32:42-45 Apr '82

News for crews. Flying Safety 38:19 Jan '82.

HELICOPTERS, MILITARY - ContinuedUnited States - Cont'd

Noise abatement and flying neighborly. Col John H. Boysen. illus tabs USA Avn Dig 28:40-44 Nov '82

OSD directs development of joint Service advanced technology rotorcraft. Deborah M. Kyle. illus Armed Forces J Intl 119:20 Feb '82

Protecting the carrier against torpedo attack. LCDRs James G. O'Keefe and David L. Hallenbeck. Nav War Col Rev 35:50-53 Jan-Feb '82

Putting the air assault in the air assault division. LtCol Barry J. Sottak and Maj Charles B. Cook. illus USA Avn Dig 28:10-15 May '82

Rotor-induced whiteout. illus USA Avn Dig 28:14-15 Sep '82

SHORAD (Short-Range Air Defense) vs air cav--(everybody wins). 1stLts Thomas C. Rogan and Martin W. Shubert. illus Air Def Mag, pp 16-19, Jan-Mar '82

"Should we go to war again, God forbid, I would probably prefer to be in a helicopter than a . . . tank." Interview. MajGen Carl H. McNair, Jr. tab illus por Armed Forces J Intl 119:48-50+ May '82

V/STOLS: A myth or a promise. Col William D. Siuru, Jr. illus AU Rev 33:70-83 Mar-Apr '82

What's in the Army's arsenal of aircraft? Deborah G. Meyer. illus Armed Forces J Intl 119:36-37+ May '82

Equipment

AHIP (Army Helicopter Improvement Program): Aeroscout of the next war. Maj Laurie Pope. illus USA Avn Dig 28:11-13 Mar '82

AHIP (Army Helicopter Improvement Program): How you got it and what you got. LtCol R.A. Neuwien, Jr. illus USA Avn Dig 28:6-10 Mar '82

HELICOPTERS IN BUSINESS

The North Sea: A pause for politics? Jim Ferguson. illus map tabs Interavia 37:150-152 Feb '82

HELICOPTERS IN PATROL WORK

AHIP (Army Helicopter Improvement Program): Aeroscout of the next war. Maj Laurie Pope. illus USA Avn Dig 28:11-13 Mar '82

AHIP (Army Helicopter Improvement Program): How you got it and what you got. LtCol R.A. Neuwien, Jr. illus USA Avn Dig 28:6-10 Mar '82

Give us our guns & optics--an aeroscout's urgent plea for increasing our combat effectiveness. 1stLt Ronald M. Buffkin. illus USA Avn Dig 28:2-5 Mar '82

HELICOPTERS IN RESCUE WORK

Midnight race at Montezuma Peak (daring helicopter rescue). SSgt Lorenzo D. Harris. illus Airman 26:10-15 Mar '82

HELICOPTERS IN RESCUE WORK - Continued

To save the pilot's life--Soviet air rescue service. LtCol Johnnie H.Hall. illus AU Rev 33:48-57 May-Jun '82

HELMETS

The strength-endurance relationship in skeletal muscle: Its application to helmet design. Jerrold Scott Petrofsky and Chandler A.Phillips. illus tabs Aviation, Space & Envmt Med 53:365-369 Apr '82

HENDERSON, Frederick P.

FDR at Warm Springs. BrigGen F.P.Henderson, Ret. illus MarCor Gaz 66:54-58 Jul '82

HENRY, Richard C.

Advance to the high ground (military space projects). MSgt Alan Prochoroff. illus Airman 26:26-32 Apr '82

(LtGen Richard C.) Henry: Focus on safe space electronics. Leonard Famiglietti. Interview. illus por AF Times 43:27+ Nov 1 '82

Space is a place. Interview. LtGen Richard C. Henry. illus por AF Mag 65:36-42 Jun '82

HERRES, Robert T.

SAC aircraft in the VFR (Visual Flight Rules) environment. LtGen Robert T.Herres. por Combat Crew 32:2-3 Feb '82

HIGHWAYS see RoadsHILSMAN, William J.

National communications system. LtGen William J.Hilsman. Signal 36:79-82 Aug '82

HISTORY

See also
Military History
also subdivision History under specific subjects

HOLM, Jeanne M.

MajGen Jeanne M.Holm--the first woman two-star speaks out on today's servicewoman. Martha Craver. illus por AF Times, Times Magazine sup:12-15 Dec 6 '82

Women in the military: An ongoing revolution. Bruce Callander. illus por AF Times 43:8 Dec 20 '82

HOMOSEXUALS see SexHONORS see Awards, Decorations, etcHOPKINS, Joseph E.

Cuba: Moscow's marionette. BrigGen Joseph E. Hopkins. illus map US Nav Inst Proc 108: 58-64 Jul '82

HORNE, Charles F., III

New role for mine warfare. RADM C.F.Horne III. illus por US Nav Inst Proc 108:34-40 Nov '82

HOSPITALSAir Force--U.S.

Billion dollar effort will upgrade med facilities. AF Times 42:12 Feb 15 '82

Congress okays \$1.5 billion for AF FY '82 construction. John Ginovsky. AF Times 42:7 Jan 4 '82

Defense wraps up review of Wilford Hall practices. Leonard Famiglietti. AF Times 43:3 Nov 1 '82

(Dr. John F.) Beary testifies he was threatened. Martha Lynn Craver. AF Times 43:3 Aug 16 '82

(Dr. John F.) Beary won't name names. AF Times 43:4 Aug 23 '82

'Homesteading' seen as problem at AF hospitals. Leonard Famiglietti. AF Times 42:1+ Jul 19 '82

The hospital incident report: Asset or liability? Capt Robert N.Spencer. AF Law Rev 22:148-167 '80/'81

(LtGen Paul W.) Myers to stay in service pending Defense review. Leonard Famiglietti. AF Times 43:3 Aug 2 '82

M.D. probers want liability protection. Leonard Famiglietti. AF Times 43:3 Sep 20 '82

Summary of IG report in (Dr. William) Stanford case. AF Times 43:4+ Aug 23 '82

Survivable medical facilities. Maj Gordon W. Best. AF Engrg & Svcs Qtr 22:13-14 Winter '81/'82

Theodore Cooper to review Wilford Hall investigation. Leonard Famiglietti. AF Times 43:3 Aug 9 '82

Armed Forces--U.S.

AMA (American Medical Association) renews support for war casualty care. AF Times 42:21 Jul 5 '82

'Catchment' area remapping limits use of CHAMPUS. Paul Smith. AF Times 43:3 Nov 29 '82

DOD plans approved to limit CHAMPUS use. Paul Smith. AF Times 43:4 Nov 22 '82

15 PHS (Public Health Service) units to stay open for military use. AF Times 42:11 Feb 1 '82

GAO: Rear hospitals may be swamped in war. AF Times 43:34 Aug 9 '82

Test on curbing CHAMPUS set for three areas. Paul Smith. AF Times 43:1+ Dec 27 '82

HOSPITALS - ContinuedArmed Forces--U.S. - Cont'dCosts

CHAMPUS headed for \$100M shortfall. AF Times 42:10 Jun 7 '82

United States

Antinuclear medics win DOD skirmish. AF Times 42:10 Jan 11 '82

CHAMPUS may bar routine care in five areas. Paul Smith. AF Times 42:12 Jul 12 '82

Contingency hospital system may never be used, but . . . Officer 58:29-30 Dec '82

The discretionary function exception and military hospital administration. John F. McCue, Jr. AF Law Rev 22, No.1:59-80 '80/'81

15 PHS (Public Health Service) units to stay open for military use. AF Times 42:11 Feb 1 '82

Reagan administration readiness initiatives. (Excerpts from address, Reserve Officers Assoc, Mid-Winter Conference, Washington, 1982) John F. Beary III. Officer 58:35-37 Apr '82

HOSTILE FIRE PAY see Special Duty Pay

HOTELS AND MOTELS

Hotel/motel fires. Marty Diller. TAC Attack 22:24-26 Jul '82

HOURS OF LABOR

Recordkeeping requirements under the Fair Labor Standards Act. TIG Brief 34:7 Jul 9 '82

HOUSEHOLD EFFECTS

Alaska HHGoods damaged. Leonard Famiglietti. AF Times 42:1+ May 17 '82

Computerized traffic distribution record. Maj Ronald T. Worthington. Translog 13:12 Sep '82

DOD asks mileage, HHGoods increases. Tom Philpott. AF Times 42:1+ Jan 11 '82

Duty (special taxes) can cost you. SSgt Victoria Mouze. illus Soldiers 37:10-12 May '82

Interns visit Topeka (Regional Storage Management Office). illus Translog 13:17-18 Apr '82

Moving. illus Soldiers 37:23-26 Jan '82

A path in the container maze. Frank A. Galluzzo. illus Translog 13:19-20 Oct '82

HOUSING

See also
Barracks and Quarters

HOUSING - Continued

Housing. illus Soldiers 37:20-22 Jan '82

New rent-plus now under way o'seas. Tom Philpott. AF Times 42:1+ May 10 '82

United States

Big jump in VHA due this October. Tom Philpott. AF Times 43:1+ Sep 13 '82

Congress orders standard barracks. Paul Smith. AF Times 43:3 Oct 18 '82

DOD eyes end to Reservists' VHA. Tom Philpott. AF Times 43:3 Nov 22 '82

Here are the new single VHA rates. Tom Philpott. AF Times 43:38+ Nov 1 '82

House OKs cap for VHA increases. AF Times 43:1+ Oct 4 '82

The Navy as neighbor. CAPT Andrew C.A. Jam-poler. illus US Nav Inst Proc 108:50-56 Sep '82

2d type of housing tainted by chlordane. AF Times 43:3 Sep 27 '82

VHA to increase 13%; half of what's needed. Tom Philpott. AF Times 43:1+ Oct 18 '82

HOUSING, AMERICAN

Stronger dollar causes drop in COLA overseas. Tom Philpott. tab AF Times 43:28 Nov 15 '82

Europe

(Gen Frederick J.) Kroesen: Overseas housing 'No. 1 peacetime problem.' Tom Philpott. Interview. AF Times 43:14 Jul 26 '82

Germany (West)

Getting a face-lift. Capt Elton Strange. illus AF Engrg & Svcs Qtr 23:12-15 Summer '82

HOVERCRAFT see Air Cushion VehiclesHOWZE, Hamilton H.

The wishing well--or what I hope is going on in Army aviation. Gen Hamilton H. Howze. Ret. illus por USA Avn Dig 28:2-5 Feb '82

HUMAN ENGINEERING

Human engineering and all that. Paul Seidenman. illus Natl Def 66:30-33+ Jan '82

Human factors in weapon design: The performance gap. Jonathan Kaplan and John L. Miles, Jr. Concepts 4:76-89 Autumn '81

Robotics under study. Def Mgt J 18:48 First Quarter '82

Shipboard simulation moves to sea. Paul Seidenman. illus Natl Def 66:24-27 Mar '82

HUMAN ENGINEERING - Continued

The soldier-machine connection. Peter D. Weddle. illus tab Mil Rev 62:60-68 Jan '82

HUMAN GOALS

Building winners for the playing field and the battlefield. Capt Richard G. Priem and Jim Myers. illus Mil Rev 62:38-49 Nov '82

HUMAN RELATIONS

Interpersonal influence and the bases of military leadership. John Allen Williams. Mil Rev 62:56-65 Dec '82

Sexual discrimination attitude check. TIG Brief 34:11-12 Aug 6 '82

HUMAN RELIABILITY

Killers, fillers, and fodder* (our armor force versus the Soviet armor force). Thomas A. Horner. Parameters 12:27-34 Sep '82

Personnel reliability program. TIG Brief 34:8 Sep 27 '82

A Reservist shares his views on: Need to know/nice to know. LtCol C.B. Casson. illus MAC Flyer 29:21-23 Feb '82

This is what could happen if you . . . switch write-ups. 1stLt Ted H. Minknow. illus MAC Flyer 29:10-12 Nov '82

HUMAN RESOURCES

How management consultation is improving Air Force productivity. Sandra S. Rittenhouse and LtCol David A. Wilkerson. illus Def Mgt J 18:9-13 Fourth Quarter '82

Human resources mobilization. Bruce Carswell. Signal 36:73-75+ Aug '82

Managing human resources in the '80s. David D. Acker. tabs Concepts 5:98-112 Winter '82

Manpower models as tools of military planning. Murray W. Rowe. illus Def Mgt J 18:20-25 Fourth Quarter '82

Now is the time to use MBO. Maj B.E. Braswell. Armed Forces Compt 27:15-19+ Summer '82

Our management heritage for the '80s. Richard F. Gordon. Concepts 5:7-13 Spring '82

Silent sensors + human operators = hidden threats. Evan P. Rolek and Capt Michael Tutin. illus J of Elect Def 5:51-57 Feb '82

HUMAN RESOURCES - Continued

Women in the military: It is really a matter of human power. Barbara J. Oganessoff. Govt Exec pt 1, 14:22+ Feb '82; pt 2, The human power issue--from policy to utilization models to field operations. 14:45+ Mar-Apr '82; pt 3, Women, the mission and combat: The difficult question. 14:50+ May '82; pt 4, Utilization is effective. 14:40 Jun '82; pt 5, Interpreting policy: The battle between attitudes and equity. 14:27-29 Jul '82; pt 6, Women as soldiers: The teamwork is all mental. 14:39-40 Oct '82

HUMAN RIGHTS see Civil RightsHURRICANES

Flight into Camille. Robert Lee Clark. illus Aerosp Hist 29:74-80 Jun '82

HYDROFOILS

Hydrofoils at war. Boris Mishel. illus RUSI J for Def Studies 127:16-21 Sep '82

The missing link ("strike hydrofoils," armed with cruise missiles and a close-in weapon system). CDR Miles A. Libbey III. illus map US Nav Inst Proc 108:36-41 Jul '82

Western military hydrofoils come of age. Alan Blunden. illus tab Intl Def Rev 15, No.2: 155-160 '82

HYDROGEN, LIQUID

Liquid hydrogen--fuel of the future. Col Richard B. Pilmer. illus tab AF J Log 6:26-28 Summer '82

HYDROPLANING

Hydroplaning--a slippery subject. Cecilia Preble. illus Flying Safety 38:2-4 Dec '82

HYDROPORTS see AirportsHYGIENE see Health and HygieneHYPOXIA

Altitude and hypoxia as phase shift inducers. I.E. Ashkenazi and others. tabs Aviation, Space & Envmt Med 53:342-346 Apr '82

Check your oxygen. K.E. Underwood Ground. illus Aviation, Space & Envmt Med 53:24-26 Jan '82

The stresses of flight. Capt Ann Helm. MAC Flyer 29:18-20 Nov '82

Women at altitude: Cardiovascular responses to hypoxia. Barbara L. Drinkwater and others. tabs Aviation, Space & Envmt Med 53:472-477 May '82

I A T A see International Air Transport Association

I C B M see Intercontinental Ballistic Missiles

I F F see Identification Friend or Foe

I L S see Integrated Logistic Support

I N S C O M see Army Intelligence and Security Command

I P see Instructor Pilots

ICE

The hazards of winter flying. Maj Kurt P. Smith. illus Flying Safety 38:4-6 Oct '82

On the ice--resupplying Antarctica. illus MAC Flyer 29:7-9 Sep '82

The tactical use of frozen waterways. Maj B.B. Bell. illus tabs Armor 91:11-13 Nov-Dec '82

They did their homework, experimented on base, then set out to build ice bridges. Maj William M. Shanklin, Jr. illus AF Engrg & Svcs Qtr 23:25 Summer '82

What is your IIQ (Icing Intelligence Quotient)? Maj Kurt P. Smith. illus Flying Safety 38:20 Dec '82

Wing surface roughness: Cause & effect. Ralph E. Brumby. illus tab Flying Safety 38:14-17 Dec '82

Winter warfare: Atop an Alaskan glacier, soldiers learn to fight--and survive. Jay Finegan. illus AF Times, Times Magazine sup:4-9 Dec 6 '82

Winter weather review. MAC Flyer 29:14-15 Nov '82

ICEBREAKERS

The USSR polar fleet recent acquisitions. RADM N.C. Venzke. illus tab US Nav Inst Proc 108:98-99 Feb '82

ICELAND

Bastion of the north? Icelandic security policy. Nigel De Lee. map RUSI J for Def Studies 126:47-53 Dec '81

Iceland tanker task force--an aircrew perspective. Capt Harold D. Shoemaker. illus Combat Crew 32:6-7+ Jun '82

ICING ON AIRCRAFT see
Airplanes, Military--Ice Prevention
Helicopters, Military--Ice Prevention

IDENTIFICATION FRIEND OR FOE

Combat vehicle identification. Norman D. Smith and George M. Gividen. illus Soldiers 37:14-15 Feb '82

Friend or foe. Signal 37:93 Oct '82

IDENTIFICATION FRIEND OR FOE - Continued

IFF (Identification Friend or Foe) secondary surveillance radars. Kurt Arbenz. illus tab Armada Intl 6:116-118+ Mar-Apr '82

NATO C³, IFF, and EW being upgraded. illus Def Elect 14:50+ May '82

The role of precise time in IFF (Identification of Friend or Foe). William M. Bridge. tabs illus Mil Elect/Countermeasures 8: 53-54+ Apr '82

UK air defence--a NATO necessity. AVM P.R. Harding. Hawk, pp 15-26, Feb '82; NATO's Fifteen Nations Special Issue No.1:54-55+ '82

Who goes there? Pardon me? NATO IFF heading for communications gap. Dan Boyle. illus Interavia 37:574-575 Jun '82

IDENTIFICATION OF MILITARY PERSONNEL

Coded ID credit card test set for Virginia, NC. AF Times 42:17 Mar 8 '82

IDEOLOGY

Beating Moscow in the war of ideas and ideals. Maurice Tugwell. Nav War Col Rev 35:48-59 May-Jun '82

The development of Soviet military doctrine. C.N. Donnelly. Reprinted from International Defense Review 14, No.12:1589-1596 '81. illus Mil Rev 62:38-51 Aug '82

The ideological underpinnings of Soviet military thought. Comodoro José C.D. Odorico. AU Rev 33:40-49 Mar-Apr '82

Leadership: Ours (U.S.) versus theirs (Soviet Union). LT Thomas A. Parker. illus US Nav Inst Proc 108:142-144 Oct '82

Mutual deterrence and strategic arms limitation in Soviet policy. Raymond L. Garthoff. Strat Rev 10:36-51 Fall '82

Soviet crisis and western disunity: Contending timetables. Brian Crozier. Strat Rev 10:21-28 Fall '82

Soviet perceptions of nuclear strategy and implications for U.S. deterrence. Stephen M. Millett. AU Rev 33:50-61 Mar-Apr '82

Soviet strategic doctrine: Another view. Richard Pipes. Strat Rev 10:52-58 Fall '82. Rebuttal. Raymond L. Garthoff 10:58-63 Fall '82

IMMUNIZATION AND IMMUNITY

Gonorrhea vaccine test planned for early 1983. Paul Smith. AF Times 43:4 Nov 29 '82

IMPORT TRADE see Export-Import Trade

IN-FLIGHT REFUELING

Aerial refueling--a growing need. Konrad Alder. illus Armada Intl 6:90+ Mar-Apr '82

Air refueling--no surprises please. CMSgt Jerry J. Ammons. illus Flying Safety 38: 14-15 Feb '82

Air refueling? What does that have to do with me? TIG Brief 34:12 Sep 27 '82

Boom-boom-bash (another BDA (Boom Damage Assessment) report). Maj Arthur P. Meikel. illus tab Flying Safety 38:12-13 Feb '82

The C-5A. Capt Kimberly H. Gilbert. map illus Navigator 29:5-7 Summer '82

Down under operations. 2dLt Jimmy B. Ellis. illus Combat Crew 32:8-9 Dec '82

Iceland tanker task force--an aircrew perspective. Capt Harold D. Shoemaker. illus Combat Crew 32:6-7+ Jun '82

Looking at night air refueling under a different light. TSGT Edward F. Mazzini. illus Combat Crew 32:8-9 Jun '82; Flying Safety 38:10-12 Aug '82

Mission: Reforger 81. Capt Gale E. Clouse, Jr. illus MAC Flyer 29:12-14 Feb '82

One herk (of a) refueling! Capt Onesimo Solis, Jr. illus Combat Crew 32:10-13 Jun '82

Reporting intercommand air refueling mishaps. TIG Brief 34:20 Jan 22 '82

Saving the B-52: Operation Power Flite. Capt Bud Baker and Dennis Casey. illus Combat Crew 32:4-6 Jan '82

"The wing crack story." Capt Michael H. McQuinn. illus Combat Crew 32:12-13+ Mar '82

History

Regards to the 'Lady.' MSgt James W. Robinson. Ret. illus Sergeants 21:14-15 Dec '82

IN-SERVICE TRAINING see On-the-Job TrainingINACTIVATION OF INSTALLATIONS AND UNITSArmed Forces

Base closures--law and politics. Andrew C. Mayer. Armed Forces & Soc 8:463-469 Spring '82

INCENTIVE PAY

Medical readiness of the Guard and Reserve is a total force shortage. illus Natl Guard 36:18-19+ Jun '82

Plan would shift part of raises to bonuses. Tom Philpott. AF Times 42:1+ Mar 15 '82

INCOME

A nest egg for the future (Individual Retirement Account). Col George M. Hall. illus tab Soldiers 37:50-52 Apr '82

INDIA

India's nuclear programme. S.K. Ghosh. map Asian Def J No.10:84-85+ Oct '82

Foreign Policy

Indian Prime Minister's visit to the United States. Ahsan Ali Khan. illus Asian Def J No.12:78-80+ Dec '82

Subcontinental security: Some perceptions. K. Subrahmanyam. map Asian Def J No.2: 22-24+ Feb '82

Foreign Relations

Imbalances and tensions in areas of conflict (Adapted from address, 36th sess, United Nations General Assembly, New York, Sep 1981) P.V. Narasimha Rao. map Asian Def J No.3:48-50 Mar '82

Subcontinental security: Some perceptions. K. Subrahmanyam. map Asian Def J No.2: 22-24+ Feb '82

Soviet Union

An important factor on the world scene. V. Yefremov. Soviet Mil Rev No.12:49-50 Dec '82

United States

Indian Prime Minister's visit to the United States. Ahsan Ali Khan. illus Asian Def J No.12:78-80+ Dec '82

Politics and Government

Subcontinental security: Some perceptions. K. Subrahmanyam. map Asian Def J No.2: 22-24+ Feb '82

Social Life and Customs

Subcontinental security: Some perceptions. K. Subrahmanyam. map Asian Def J No.2: 22-24+ Feb '82

INDIAN OCEAN REGION

A European option in the Indian Ocean. Christopher Coker and Heinz Schulte. illus Intl Def Rev 15, No.1:27-34 '82

Indian Ocean security: A new zone of crisis? Asian Def J No.4:38-39 '82

Operating in the I.O. (Indian Ocean). CDR Robert E. Baier. illus US Nav Inst Proc 108:112-114 Sep '82

Straits of Hormuz--the fulcrum of Persian Gulf oil security. Zulfikar A. Khalid. illus map Asian Def J No.2:36-38 Feb '82

Subcontinental security: Some perceptions. K. Subrahmanyam. map Asian Def J No.2: 22-24+ Feb '82

History

Diego Garcia: Political clouds over a vital U.S. base. Joel Larus. illus Strat Rev 10:44-45 Winter '82

INDIAN OCEAN REGION - ContinuedStrategic Importance

Diego Garcia: Political clouds over a vital U.S. base. Joel Larus. illus Strat Rev 10:44-45 Winter '82

The Soviet Union and the Southern Sea Route. LCDR James T. Westwood. map Nav War Col Rev 35:54-67 Jan-Feb '82

INDONESIA

Aircraft operations in Indonesia by the Royal Dutch/Shell Companies 1934-1963. H.C. Kavelaars and Matthew E. Rodina, Jr. illus maps tabs Am Avn Hist Soc J 27:185-209 Fall '82

The Indonesian Armed Forces: ABRI (Angkatan Bersenjata Republik Indonesia)--a new image for the '80s. Khalid Abdullah. illus tabs Asian Def J No.5:36-38+ May '82

Foreign Policy

Performance and prospects in the near north (Papua New Guinea and Indonesia). Col C.H.A. East. illus Pac Def Rep 8:61-62+ Dec '81/Jan '82

Foreign RelationsAustralia

What of West Irian? Col Colin East. Pac Def Rep 8:40-42+ Feb '82

Politics and Government

Indonesia's political course firmly set. Col Colin East. illus Pac Def Rep 9:53-56 Jul '82

Strategic Importance

Performance and prospects in the near north (Papua New Guinea and Indonesia). Col C.H.A. East. illus Pac Def Rep 8:61-62+ Dec '81/Jan '82

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INDUSTRY

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also specific kinds of Industry, e.g.,
Aerospace Industry and Trade
Aircraft Industry and Trade
Arms Industry and Trade
Electronic Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade
Petroleum Industry and Trade

INDUSTRY - ContinuedAustralia

Plessey Australia--an expanding defence company. Charles Marshall. illus Pac Def Rep 8:35-43 Mar '82

Greece

The Greek defense industry. Robert Salvy. illus Intl Def Rev 15, No.9:1261-1262 '82

Netherlands

The Netherlands. illus maps tabs NATO's Fifteen Nations 27: Special Marketing Supplement following Jun-Jul '82

United States

Conserving industrial energy. LtCol Ronald C. Cheatham. illus Army Log 14:14-15 Mar-Apr '82

The merchant fleet and the industrial base. Edwin M. Hood. illus Sea Power 25:35-36+ May '82

Restoring quality in America's defense industries. Del Burchfield. illus tab Defense/82, pp 26-32, Jul '82

The sinews of war--the most basic of America's defense industries faces lean times. Paul Seidenman. illus Sea Power 25:21-22+ Aug '82

INDUSTRY AND DEFENSE

(AFCEA) industrial luncheon address. Richard D. DeLauer. Signal 36:31-32 Aug '82

The AOC (Association of Old Crows) looks at the threat: An update on the AOC's EWTSC (Electronic Warfare Technical Study Committee). Hal Gershanoff. Interview. illus J of Elect Def 5:75-76+ Oct '82

Anticipating the needs of the service--a view from industry. R.D. Boot. Hawk, pp 29-35, Feb '82

Building up the (Australian) defence industries. Ian Viner. illus Pac Def Rep 9:9-10+ Sep '82

CH-47 modernization program: On schedule and within budget. Geoff Sutton. illus tabs Def Mgt J 18:26-33 Second Quarter '82

Can the defense industry respond to the Reagan initiatives? Jacques S. Gansler. Intl Sec 6:102-121 Spring '82

The changing role of the motor common carrier and its impact on defense transportation: Trucking our future war. Capt Bruce P. Schoch. Def Trans J 38:14-16 Apr '82

The civil-military interface in industrial preparedness. John Nocita. illus Def Mgt J 18:26-33 First Quarter '82

Competition and joint venture procurement. Emanuel Kintisch. Natl Def 67:45-46+ Sep '82

INDUSTRY AND DEFENSE - Continued

DOD procurement policy: The effect on aerospace financial risk. Col James R. Woody. Def Mgt J 18:22-27 Third Quarter '82

DTCN (Direction Technique des Constructions Navales) in the export market. R.J.L. Dicker. illus Intl Def Rev 15, No.10: 1401-1404 '82

Defence industry newsbriefs. Regular feature in issues of Asian Defence Journal

Defence procurement: Industry must share the risks. illus tabs Interavia 37:336-341 Apr '82

Defense acquisition: A game of liar's dice? Walter B. LaBerge. Concepts 5:56-63 Winter '82

The defense industrial base: A policy approach. Antonia Handler Chayes. Def Mgt J 18:40-46 First Quarter '82

Defense industry news. Regular feature in issues of International Defense Review

Depreciation policy reform and the defense industrial base. Maj Richard J. Wall. tab Def Mgt J 18:28-35 Third Quarter '82

Developing a management philosophy. Jules J. Bellaschi. Concepts 5:91-97 Winter '82

The economics of the U.S. defense buildup. Richard F. Kaufman. illus NATO's Fifteen Nations 26:38+ Dec '81-Jan '82

Enhanced multiyear procurement for improving weapon systems acquisition. Abraham Singer and Col G. Dana Brabson. tabs Concepts 5: 112-129 Summer '82

Enhancing productivity through increased capital investment. Andrew P. Mosier. Concepts 5:190-213 Summer '82

European overview: Competition, education, taxation. Franz A. P. Frisch. illus tabs Concepts pt 1, 5:7-44 Winter '82; pt 2, Comparative investment patterns. 5:14-38 Spring '82

Financing defense system programs. Franz A. P. Frisch and David D. Acker. illus tabs Concepts 4:7-28 Autumn '81

Free enterprise and the American defense industry. (1981 Bevan G. Cass Award Essay) Maj George G. Peery. illus MarCor Gaz 66:44-49 Jan '82

French industry--nationalization! Is that what you said? Pierre Condom and Germain Chambost. illus Interavia 37:581-582 Jun '82

General (James W.) Stansberry. Interview. por illus J of Elect Def 5:49-58+ Jul '82

Getting the message across (Cairo Military Exhibition and Conference on Strategic Directions). illus Def & For Aff 9:14-15+ Nov '81

INDUSTRY AND DEFENSE - Continued

Government/industry relationships: Working together eyeball to eyeball. Col Richard Bowers and R.C. Trimmell. illus Govt Exec 14:29+ May '82

The Greek defense industry. Robert Salvy. illus Intl Def Rev 15, No.9:1261-1262 '82

How they do it at the factory (Air Force Plant Representative's Office (AFPRO) can help provide a safer product). Capt Gale E. Clouse, Jr. illus TAC Attack 22:8-11 Jun '82

The industrial base: Government must take the calculated risks. Rep James J. Blanchard. illus Govt Exec 14:49-50+ Mar-Apr '82

Industrial preparedness: A congressional perspective. Ronald F. Lehman. Def Mgt J 18: 7-13 First Quarter '82

The industrial substructure: Trouble at the bottom. LtCol John T. Correll, Ret. illus AF Mag 65:48-51 Jul '82

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

Measure for measure: DOD plans for metrics. Gary R. Dillard. Def Mgt J 18:44-47 Second Quarter '82

The military/industrial myth: High roads, low roads . . . and guerilla public relations. John J. McGrath. Govt Exec 14:28-30 Jan '82

Military power and industrial competitiveness: The industrial dimension of military strategy. James R. Kurth. Nav War Col Rev 35:33-47 Sep-Oct '82

National communications system. LtGen William J. Hilsman. Signal 36:79-82 Aug '82

The new defence: The consequences of a credible conventional deterrent on NATO industry-to-industry cooperation. Vitalij Garber. illus tabs NATO's Fifteen Nations Special Issue No.1:64-68 '82

A new look at an old remedy: Multiyear contracts and defense procurement. Gen Alton D. Slay. tab Def Mgt J 18:20-25 First Quarter '82

Past is prologue: Strategic materials and the defense industrial base. John D. Morgan. tab Def Mgt J 18:14-19 First Quarter '82

Plessey Australia--an expanding defence company. Charles Marshall. illus Pac Def Rep 8:35-43 Mar '82

Practical implications of acquisition policy reform. Robert L. Wendt. illus Def Mgt J 18:14-19 Fourth Quarter '82

Ready response to a surge: New contracting techniques. George T. Nickolas. Def Mgt J 18:34-39 First Quarter '82

Research, science & technology. Regular feature in some issues of Defense Science 2000+

INDUSTRY AND DEFENSE - Continued

Resources allocation--the F-100 engine experience. Maj Philip J. Williams. tabs AF J Log 6:15-19 Spring '82

Restoring quality in America's defense industries. Del Burchfield. illus tab Defense/82, pp 26-32, Jul '82

Revitalizing defense industries: The DOD-industry partnership. LtGen James W. Stansberry. Def Mgt J 18:2-6 First Quarter '82

Scarcity and the challenge. Gen James P. Mullins. AF J Log 6:5-6 Winter '82

Scuttlebut newsletter. Regular feature in issues of Pacific Defence Reporter beginning with February 1982

Select AOC committee looks at U.S. EW industrial base. J of Elect Def 5:46-51 Jan '82

Shake-up in the Italian naval industry. R.J.L. Dicker. illus Intl Def Rev 15, No.4:437-448 '82

The sinews of war--the most basic of America's defense industries faces lean times. Paul Seidenman. illus Sea Power 25:21-22+ Aug '82

Space lasers and responsibility. Angelo Codevilla. Def Elect 14:21+ Sep '82

The state of the nation's C³I. Tony Velocci. illus Natl Def 67:19-25 Oct '82

Sturm und drang--West Germany's power transition means strategic changes ahead. Col Robert Jarman. illus Def & For Aff 10:10-12 Nov '82

Switzerland is modernising: A discussion of Swiss defence plans. illus (Also cutaway) Mil Tech 6:46+ Feb '82

The 37th annual NDTA Transportation & Logistics Forum & Exposition. Panel II, Sustaining the industrial base during mobilization. RADM Ronald E. Narmi. illus por Def Trans J 38:54-62 Dec '82

The unbuilt street--defense industrial cooperation within the Alliance. Thomas A. Callaghan, Jr. illus NATO's Fifteen Nations 27:26+ Oct-Nov '82

U.S. big three: The financial picture. illus tab Interavia 37:612 Jun '82

U.S. strategies for industrial growth and western security. Robert E. McGarrah. Parameters 12:62-70 Dec '82

VHSIC and commercial VLSI: Two sides of the same coin? Jeffrey Frey. illus Def Elect 14:79-80 Sep '82

Washington tries to clamp down with high-tech export controls. Ehud Yonay. illus Def Elect 14:76-78+ Sep '82

We must do it (DOD must manage better). Frank C. Carlucci. AF J Log 6:2-4 Winter '82

Why the C-141 stretch program succeeded. C. Phillip Settlemyer. illus Airlift 4: 21-24 Summer '82

INDUSTRY AND DEFENSE - ContinuedDirectories

The Australian defence industry directory. Pac Def Rep 8:245+ Dec '81/Jan '82

INERTIAL NAVIGATION see Navigation, Inertial

INFANTRYEquipment

Infantry tomorrow. Stefan Geisenheyner. illus Asian Def J No.10:38-39+ Oct '82

Organization

Organization of unarmored infantry matched to threat. Konrad Alder. illus Armada Intl 6:42+ Jan-Feb '82

Soviet Union

Psychological training of motorised infantrymen. Col N. Sysoyev. illus Soviet Mil Rev No.10:36-37 Oct '82

Technical support of an advanced detachment. Col R. Dmitriyev. illus Soviet Mil Rev No.10:42-43 Oct '82

United States

Airland battle--implications for the Infantry. LtCol Jerry M. Sollinger. illus Infantry 72:20-25 Mar-Apr '82

Army 86. SSgt Vickey Mouze. illus Soldiers 37:16-18 Feb '82

The assault. Capt Paul L. Conway. Infantry 72:19-23 Nov-Dec '82

Charge! (Bayonet assault course taught at Ft Benning, GA) illus Army 32:34-35 Jul '82

Command in Europe. Capt Robert L. Maginnis. Infantry 72:22-26 Sep-Oct '82

The commander-attorney relationship. Maj Danford F. Carroll and Capt Rita R. Carroll. Infantry 72:27-30 Sep-Oct '82

The future of the Infantry. illus Infantry 72: 19-21 Sep-Oct '82

Infantry and air defense in the airland battle. MajGen David E. Grange, Jr. Air Def Mag, pp 24-25, Oct-Dec '81

A job well done. LtCol Albert N. Garland, Ret. illus Fld Arty J 50:17-19 Mar-Apr '82

The mechanized infantry battalion task force in the airland battle. LtCol Jimmy Griffis and others. tab Infantry 72:21-24 Jul-Aug '82

Operating the Bradley Infantry Fighting Vehicle. D.H.C. Jenkins. illus Intl Def Rev 15, No.9:1203-1206 '82

INFANTRY - ContinuedUnited States - Cont'd

The U.S. Army's future Light Infantry Division: A key element of the RDF. Ramon Lopez, illus Intl Def Rev 15, No.2:185-192 '82

What comes first? (The vehicle or the man?)
Capt Kenneth A. Siegel. tab Infantry 72:
36-37 Sep-Oct '82

Chronology

Infantry: A prevailing theme. LT Peter W. Harris. illus Infantry 72:16-20 Jul-Aug '82

History

All-Black Guard Infantry regiments leave mark on military history. illus Natl Guard 36:17-18 May '82

Infantry: A prevailing theme. LT Peter W. Harris. illus Infantry 72:16-20 Jul-Aug '82

INFANTRY CENTERS AND SCHOOLSUnited States

The mechanized infantry battalion task force in the airland battle. LtCol Jimmy Griffis and others. tab Infantry 72:21-24 Jul-Aug '82

INFLATION (FINANCE)

The economics of the U.S. defense buildup. Richard F. Kaufman. illus NATO's Fifteen Nations 26:38+ Dec '81-Jan '82

The high cost of defending America: Is the price out of line? Deborah G. Meyer. tabs Armed Forces J Intl 119:39-40+ Aug '82

INFLIGHT REFUELING see entry under In-Flight as two words

INFORMATION, FREEDOM OF see Freedom of Information

INFORMATION EXPLOSION

Information as a weapon--some thoughts on the problem of military C3. LtCol N. Müller. Intl Def Rev 15, No.4:418 '82

Information processing--visions of the future (use of computers in the information age). James L. Bispo and others. illus Signal 36: 13-14+ Feb '82

The paper maze. Roderick M. Bricksin. Armed Forces Compt 27:18-20 Fall '82

INFORMATION PROGRAMSAir Force

Airman at 25 (history of Airman magazine). Robert K. Ruhl. illus Airman 26:32-38 Aug '82

INFORMATION STORAGE AND RETRIEVAL SYSTEMSSee also

Electronic Data Processing Systems
Management Information Systems

OSIS (Ocean Surveillance Information System) extends intelligence coverage beyond radar horizon. VADM Samuel L. Gravely, Jr., Ret. illus map Def Elect 14:69-70+ Apr '82

What the LIF (Logistics Intelligence File) can do for you. illus Army Log 14:13-15 Nov-Dec '82

INFRARED DETECTORS

Night vision boost comes from third-generation device. Irving M. Gottlieb. illus tabs Mil Elect/Countermeasures 8:34-37 Jul '82

SEEHAWK infrared system. Signal 37:91 Oct '82

Solid state focal plane arrays boost IR sensor capabilities. Michael Cantella and others. illus Mil Elect/Countermeasures 8:38-42 Sep '82

INFRARED EQUIPMENT

MM-wave and infrared: A hybrid for all-weather weapons delivery. Arthur C. Levitan. illus tabs Mil Elect/Countermeasures 8:100-103 Feb '82

Night vision boost comes from third-generation device. Irving M. Gottlieb. illus tabs Mil Elect/Countermeasures 8:34-37 Jul '82

Solid state components adapt to sensor environmental demands. Peter J. Minett. tabs Mil Elect/Countermeasures 8:28-30+ Nov '82

Solid state focal plane arrays boost IR sensor capabilities. Michael Cantella and others. illus Mil Elect/Countermeasures 8:38-42 Sep '82

Wars don't stop at night. Brian Wanstall. illus Interavia 37:773-775 Aug '82

INLAND NAVIGATION see Waterways

INSIGNIAAir Force--U.S.

Symbols that do the talking (military insignia have the symbolism of heraldry). SSgt Jim Katzaman. illus Airman 26:21-24 Oct '82

Triangle-K returns. Capt Barry A. McQueen. illus Aerosp Hist 29:269-273 Dec '82

Army--U.S.

The total Army. Danny M. Johnson. illus Army 32:236-244 Oct '82

INSPECTIONSee also

Airplanes, Military--Inspection

INSPECTION - Continued

Automated inspection--a means to increased reliability. Anthony P. Trippe. illus Natl Def 66:18-22 Apr '82

Air Force

Air Force Chaplain Service Management Inspection (CSMI) model. TIG Brief 34:15-18 May 28 '82

Effective self-inspection. TIG Brief 34:4 Apr 30 '82

Functional management inspections: Efforts that are really designed to help you. TIG Brief 34:5 Oct 25 '82

ORI (Operational Readiness Inspection) preparation checklist for commanders. TIG Brief 34:3-4 Apr 16 '82

Occupational Safety and Health Administration (OSHA) inspections. TIG Brief 34:3 Jan 8 '82

The self-inspection program: A remedy or a malady? TIG Brief 34:16 Jun 25 '82

What makes an 'outstanding' unit? TIG Brief 34:7 May 14 '82

Armed Forces

The commander's right to inspect. Maj John K. Wallace III. Jt Persp 3:24-37 Summer '82

Commanders warned on barracks searches. AF Times 42:17 Apr 12 '82

Defense wins, can open mail. AF Times 42:12 Apr 26 '82

Army

TAMMS (The Army's Maintenance Management System) let's work smarter. Capt Joseph B. Wismann. Infantry 72:14-16 Jan-Feb '82

National Guard--Air Force

A turnaround: ORI teaches inspectors. illus Natl Guard 36:13-15 Sep '82

INSPECTOR GENERALAir Force

See also
Air Force Inspection and Safety Center

Air Force IG attacks fraud, waste and abuse. illus Natl Guard 36:19-20 Jul '82

Army

The IG: Inspector but a teacher, too. LtGen Richard G. Trefry. illus Army 32:132-135 Oct '82

Reserve Forces--Army--U.S.

Fulltime inspectors general assigned to Reserve Components. Natl Guard 36:10-11+ May '82

INSTALLATIONSArmed ForcesDirectories

Guide to military installations in the U.S. illus maps AF Times, Times Magazine sup: entire issue Apr 5 '82

INSTRUCTOR PILOTS

Advanced aviation weapons training--USMC style. William P. Schlitz. illus AF Mag 65: 48-53 Feb '82

Bad habits--not tricks of the trade: A helicopter IP learns a lesson in instruction. Capt Jerry M. Brewton. illus MAC Flyer 29: 13-15 Oct '82

FAIP (First Assignment Instructor Pilot)--an acronym that has to be earned. 1stLts Edward F. Schauburger and Jeffrey S. Alderfer. illus USA Avn Dig 28:26-27 Jan '82

War stories. LtCol James H. Wood. TAC Attack 22:4-5 Dec '82

When does an IP (Instructor Pilot) take the controls? illus USA Avn Dig 28:14-16 Mar '82

When will we learn about mountain flying? Raymond P. Johnson. illus USA Avn Dig 28: 16-19 Jul '82

INSTRUCTORS see Teachers and TeachingINSTRUMENT FLYING

Big I. Regular feature in some issues of Combat Crew

On course. Regular feature in issues of Flying Safety

"Perfect practice makes perfect." Maj Jerry Tilly and Capt Ken Sprague. illus Combat Crew 32:16-17 May '82

A precision glidepath was never meant for . . . ducking under. illus MAC Flyer 29: 10-12 Jul '82

TLAR (That Looks About Right) vs the 60:1 rule. Capt Mark Stornont. illus Combat Crew 32:14-15+ Feb '82

INSTRUMENT LANDING SYSTEMS see Automatic Landing SystemsINSTRUMENTS

See also specific kinds of Instruments, e.g.,
Aeronautical Instruments
Altimeters
Navigation Instruments
Sensors
Sextants

On course. Regular feature in issues of Flying Safety

A practical ultrasonic plethysmograph. Vic C. Wu and others. illus tabs Aviation, Space & Envmt Med 53:375-378 Apr '82

INSURANCE

CHAMPUS: How does program compare with others?
Paul Smith. tab AF Times 43:8+ Nov 15 '82

Medicare hospital user costs to jump 17%.
Paul Smith. AF Times 43:16 Nov 1 '82

'Paperless' CHAMPUS to begin in S. Carolina.
AF Times 42:15 Jul 19 '82

Costs

Medicare cuts could cost military retiree money. AF Times 42:14 Mar 1 '82

INSURANCE, LIFE

(Veterans Administration) proposal would cut SGLI premiums by 1/3. Larry Carney.
AF Times 42:1+ Apr 19 '82

INSURGENCY

The conflict index. Regular feature in issues of Defense & Foreign Affairs

U.S. options--and illusions--in Central America. David C.Jordan. illus Strat Rev 10:53-62 Spring '82

INTEGRATED CIRCUITS see Circuits and CircuitryINTEGRATED LOGISTIC SUPPORT

Automatic test equipment: The critical need for early planning. George W.Neumann. illus Concepts 5:82-92 Spring '82

Contract administration as part of the ILS (Integrated Logistics Support) team. Richard B.Reeves. illus Log Spectrum 16:39-47 Summer '82

Front end support planning that really works. Grant E.Gabel. Log Spectrum 16:24-29 Winter '82

Getting there (high cost of logistics determines strategic projection in the future planning of any state). Thomas Glakas. illus Def & For Aff 9, No.14:23-26 '81

ILS (Integrated Logistics Support), PD (Physical Distribution), MM (Materials Management): What can we learn from each other. Joseph L.Cavinato and others. illus Log Spectrum 16:5-9 Winter '82

The ILS lessons learned program. Richard A. Stillman. illus Translog 13:13-14 Jan '82

Integrated logistics support management team. David M.Morgan. illus Army Log 14:32-33 Sep-Oct '82

The Integrated Logistics Support Management Team (ILSMT): How effective can it be? TIG Brief 34:7 Apr 2 '82

Panel fasteners vs maintenance manhours: Minimization of life-cycle cost. James K. Seger. tabs Log Spectrum 15:28-30 Winter '81

INTEGRATED LOGISTIC SUPPORT - Continued

Readiness--coequal. Col G.Dana Brabson and John P.Solomond. tabs Concepts 5:161-189 Summer '82

Software logistics: A sleeping giant. Paul J. McIlvaine. illus Concepts 5:155-161 Autumn '82

Spanning the logistics gulf--DARCOM--Europe. BrigGen Lynn H.Stevens. Army Log 14:19-21 Nov-Dec '82

Unique ILS (Integrated Logistics Support) considerations of a variable payload ship. Frank R.McLaughlin and Robert E.Boerum. Log Spectrum 16:15-23 Winter '82

INTELLIGENCE

See also
Counterintelligence

Intelligence wire. Regular feature in issues of Defense Electronics beginning with July 1982

To know or not to know: An overview of the role of intelligence. Zara Dian. illus Asian Def J No.5:49-52 May '82

France

La mort du SDECE (has gone, and France now has an intelligence policy which aims at greater efficiency). Def & For Aff 10:12 May '82

United States

(American intelligence community)--a proposal for reform. Ernest Volkman. Mil Sci & Tech 2, No.1:66-71 '82

CIA boosts intelligence role using high-tech electronics. David Atlee Phillips. illus Def Elect 14:54+ Dec '82

Covert operations: A needed alternative. Col Wendell E.Little, Ret. AU Rev 33:65-70 Sep-Oct '82

History

International intrigue under museum cover. Howard Handleman. illus Officer 58:20-21 Nov '82

The real stories behind those intelligence 'failures.' Capt Ross S.Kelly. illus Army 32:10-16 Jan '82

INTELLIGENCE (IQ)

Army study--combat ability: Linked with IQ. Tom Philpott. AF Times 42:7 Jun 28 '82

INTELLIGENCE, ELECTRONIC

ELINT (Electronic Intelligence) techniques for antenna beam and scan analysis. Richard G.Wiley. Excerpted from Electronic Intelligence: The Analysis of Radar Signals. tabs J of Elec Def 5:61-65+ Aug '82

Electronic combat: New imperatives for effective operations/intelligence interface. MajGen John B.Marks. TIG Brief 34:1-2 Jul 23 '82

INTELLIGENCE, ELECTRONIC - Continued

Soviet radio electronic combat and the U.S. Navy. LCDR Guy Thomas. Nav War Col Rev 35:16-24 Jul-Aug '82

Tactical Electronic REConnaissance (TEREC) operational employment. Mike Stambolis and Paul W. Post. illus J of Elect Def 5:115-116+ Oct '82

INTELLIGENCE, MILITARY

See also
Counterintelligence
Vietnamese Conflict, 1957-1975--Intelligence Operations
World War II--Intelligence Operations

Intelligence. Regular feature in some issues of Military Science & Technology

Keys to success in C³I. BrigGen Bernard L. Weiss. Signal 36:52-54 Aug '82

Tactical intelligence breaks the computer barrier. Horace J. Towler. illus Def Elect 14:51-52+ Jan '82

To know or not to know: An overview of the role of intelligence. Zara Dian. illus Asian Def J No. 5:49-52 May '82

Study and Teaching

Preparing for the invisible war. Hal Gershonoff and John Haystead. illus J of Elect Def 5:34-43 Nov '82

Australia

The U.S. Naval Ocean Surveillance Information System (NOSIS)--Australia's role. Desmond Ball. illus Pac Def Rep 8:40-42+ Jun '82

Great Britain

Even our side hated the SOE (Special Operations Executive). Brenda Ralph Lewis. illus Army 32:50-58 Mar '82

The U.S. Naval Ocean Surveillance Information System (NOSIS)--Australia's role. Desmond Ball. illus Pac Def Rep 8:40-42+ Jun '82

N A T O

Has NATO C³I gone haywire? Deborah M. Kyle and Deborah G. Meyer. illus Armed Forces J Intl 120:56+ Dec '82

Information flow in air defence. Air Commodore Johannes Gijzen. NATO's Fifteen Nations Special Issue No. 1:71-72 '82

Intelligence support in NATO: An operator's viewpoint. Col Robert H. Seh, Jr and LtCol John P. Lang. illus J of Elect Def 5:51-54 May '82

No NATO C³I "check-out counter." Benjamin F. Schemmer. map Armed Forces J Intl 120:66-67 Dec '82

Soviet Union

Soviet civil fleet--the challenge. CDR James John Tritten. Natl Def 67:26-30 Dec '82

INTELLIGENCE, MILITARY - ContinuedUnited States

See also
Defense Intelligence Agency

(AFCEA) keynote luncheon address. Cong Robert H. Mollohan. illus Signal 36:15-18 Aug '82

AFOSI's counterintelligence program: Tailor made. Col Richard S. Beyea, Jr. TIG Brief 34:1-2 Nov 29 '82

An approach to reconnaissance doctrine. Col George E. Daniels. AU Rev 33:62-69 Mar-Apr '82

C³I: Essential to preparedness. illus Signal 36:17+ May-Jun '82

CIA boosts intelligence role using high-tech electronics. David Atlee Phillips. illus Def Elect 14:54+ Dec '82

DOD perspective and future C³I systems. Donald C. Latham. Signal 36:40-43 Aug '82

Economic analysis in the military communications/electronics environment. Thomas P. Frazier and Francis J. Henry, Jr. illus tabs Signal 37:27-33 Sep '82

The impact on our future military capabilities with improved C³I. Gen W. DePuy, Ret. Signal 36:47-48 Aug '82

Issues and answers: RDJTF C⁴IS (Command, Control, Communications, Computer and Intelligence Systems) support. Col Thomas B. McDonald III. illus Signal 37:35-38 Nov '82

JCS role in C³ systems acquisition. LtGen Hillman Dickinson. Signal 36:49-51 Aug '82

A joint approach to C³I. Edgar Ulsamer. AF Mag 65:54-57 Dec '82

"Lightning look"--intelligence interoperability. Maj Robert W. Noonan, Jr. illus Mil Rev 62:43-51 Jan '82

Local area network improves real time intelligence systems. William D. Livingston. illus Def Elect 14:68+ Dec '82

Marine Corps intelligence. BrigGen H.T. Hagaman. illus MarCor Gaz 66:50-53 Jan '82

The order of battle officer. Maj Daniel A. Jurchenko and Capt Scott R. Gourley. illus Fld Arty J 50:15-17 Nov-Dec '82

Robots support C³I: The iron hand in a white glove. Scott Y. Harmon. illus Signal 36:69-70+ May-Jun '82

The role of intelligence in the Air Force. Col Cortlandt M. Taylor. illus Signal 36:62 Jan '82

The role of RADC in intelligence. Jerald M. Plante. illus Signal 36:62 Mar '82

Staying ahead in MI (Military Intelligence) tactical revolution. MajGen William E. Odom. illus Army 32:174-176+ Oct '82

INTELLIGENCE, MILITARY - ContinuedUnited States - Cont'd

Technical surveillance countermeasures policy change. TIG Brief 34:5 Aug 6 '82

The U.S. Naval Ocean Surveillance Information System (NOSIS)--Australia's role. Desmond Ball. illus Pac Def Rep 8:40-42+ Jun '82

What ever happened to tactical intelligence? Maj Kevin J. Vargas. Mil Rev 62:15-20 Oct '82

History

Stalin's postwar army reappraised. Matthew A. Evangelista. tabs Intl Sec 7:110-138 Winter '82/'83

INTELLIGENCE SCHOOLSArmy

Preparing for the invisible war. Hal Gershonoff and John Haystead. illus J of Elect Def 5:34-43 Nov '82

INTERCEPTION OF MISSILES see Missiles--Interception

INTERCONTINENTAL BALLISTIC MISSILES

ICBM site activation. LtGen Harry E. Golds-worthy. Ret. illus Aerosp Hist 29:154-161 Sep '82

ICBM vulnerability: The cures are worse than the disease. Albert Carnesale and Charles Glaser. Intl Sec 7:70-85 Summer '82

Still trying to close the window. Ean Higgins. illus Pac Def Rep 9:28-30 Aug '82

Strategic forces: The Reagan story. Colin S. Gray. Intl Sec Rev 6:437-447 Winter '81/'82

Strategic missiles debated: Missile accuracy--we do know! Gen Robert T. Marsh. por Strat Rev 10:35-37 Spring '82

Strategic missiles debated: Missile vulnerability--what you can't know! J. Edward Anderson. illus Strat Rev 10:38-42 Spring '82; Rebuttal. Gen Robert T. Marsh. 10:42-43 Spring '82

Toward a decision on ballistic missile defense. Sen Pete V. Domenici. illus por Strat Rev 10:22-27 Winter '82

Why does the United States need ICBMs? Colin Gray. illus NATO's Fifteen Nations 27:80-84 Aug-Sep '82

INTERDICTION

BAI (Battlefield Air Interdiction): The key to the deep battle. Maj C. Lanier Deal, Jr. illus Mil Rev 62:51-54 Mar '82

The cruise missile in a conventional war environment. Maj Bruce M. Berry. illus Jt Persp 2:14-25 Spring '82

INTERNATIONAL AIR TRANSPORT ASSOCIATION

The growing burden of user charges: IATA puts the airlines' case. Rodger Goodson. illus tabs Interavia 37:1214-1215 Nov '82

INTERNATIONAL COOPERATIONSee also

Nuclear Power--International Aspects
Space--International Aspects
Technology--International Cooperation

AUS-CAN-what? Comdr Robert Howell. illus Signal 37:35-37 Sep '82

(Acting Deputy Under Secretary of Defense, Everett D. Greinke) "I don't think anybody really intended to have a one-to-one balance of purchases both ways." Interview. Deborah G. Meyer and Benjamin F. Schemmer. illus Armed Forces J Intl 120:66+ Sep '82

Air Reserve forces need allied fields. illus Officer 58:11-13 Jul '82

Anti-ship missile development in Europe: Changing ideas. Felix Müller. illus Armada Intl 6:76-78+ Jan-Feb '82

CIMIC (Civil-Military Cooperation): A force multiplier for the combat commander. Col James R. Compton. illus Mil Rev 62:12-19 Feb '82

The elements of cooperation: Treaties, forces, roles, & budgets. (Excerpts from testimony before House Subcommittee on Asian and Pacific Affairs, Mar 1, 1982) Francis J. West, Jr. illus Defense/82, pp 18-21, Jun '82

For peace or for war? Competition in the control of outer space. Hubert Curien. illus NATO's Fifteen Nations 27:18-20 Apr-May '82

German/United States--field artillery interoperability training. Maj Louis J. Hansen. illus Fld Arty J 50:8-12 May-Jun '82

Intelligence support in NATO: An operator's viewpoint. Col Robert H. Seh, Jr and LtCol John P. Lang. illus J of Elect Def 5:51-54 May '82

NATO EW--areas for cooperation. V. Garber. J of Elect Def 5:45-48 May '82

The new defence: The consequences of a credible conventional deterrent on NATO industry-to-industry cooperation. Vitalij Garber. illus tabs NATO's Fifteen Nations Special Issue No.1:64-68 '82

Newly-formed European Institute for Security Matters. Jochen Löser and Jan Ch. Blohm. Armada Intl 6:122+ Mar-Apr '82

Organizing for counter-terrorism. Howard R. Simpson. illus Strat Rev 10:28-33 Winter '82

The politics of defence expenditure. William J. Perry and Walter B. LaBerge. illus NATO's Fifteen Nations 26:22-26 Dec '81-Jan '82

INTERNATIONAL COOPERATION - Continued

The problem of refugees in a strategic perspective. H.Eugene Douglas. Strat Rev 10: 11-20 Fall '82

Sea Sparrow (NATO surface-to-air missile system). Christian Eliot. illus tab NATO's Fifteen Nations 26:44-46 Dec '81-Jan '82

Trial mace--NATO cooperation. LtCol William D.Fritz, Jr. illus J of Elect Def 5:56-59+ May '82

"... you ought to look at what's happening on the other side of the two-way street." Interview. Deborah G.Meyer and Benjamin F. Schemmer. illus por Armed Forces J Intl 120:80+ Sep '82

INTERNATIONAL LAW

Application of the "open city" concept to Rome 1942-1944. 2dLt Jerrold F.Elkin. AF Law Rev 22:188-200 '80/'81

Conventional aerial bombing and the law of war. W.Hays Parks. illus US Nav Inst Proc 108:98-117 May '82

The cordon sanitaire--is it useful? Is it practical? LCDR Stanley F.Gilchrist. tab Nav War Col Rev 35:60-72 May-Jun '82

Forces abroad--rights, laws, protections. Walter A.Baker. illus Defense/82, pp 20-25, Jul '82

The Gulf of Sidra incident: A legal perspective. CDR Dennis R.Neutze. illus map US Nav Inst Proc 108:26-31 Jan '82

Hot pursuit (ancient right of a coastal state to chase any foreign ship which violates its laws or regulations). WgComdr R.A. Smith. RUSI J for Def Studies 127:46-50 Mar '82

The law of the sea. John Lehman. illus map Defense/82, pp 2-9, Mar '82

The law of war in the United States Court of Military Appeals. Maj Burrus M.Carnahan. AF Law Rev 22:120-136 '80/'81

Legal complications arising from alien birth or nationality. LtCol David P.Buck. AF Law Rev 22:168-187 '80/'81

The marine environment and maritime security in Southeast Asia: Controlling oil tanker traffic in the Strait of Malacca. Daniel P.Finn. Nav War Col Rev 34:49-59 Nov-Dec '81

Military hostages: What they need to know and don't. LtCol Richard E.Porter. AU Rev 33:94-101 Jan-Feb '82

Pirates and naval officers. LCDR John N. Petrie. Nav War Col Rev 35:15-24 May-Jun '82

The right of individual self-defence and Muslim states. Ahmed Abdul Majid. Islamic Def Rev 7, No.2:29-32 '82

Rewarding terrorism: The U.S.-Iranian hostage accords. Stuart S.Malawer. illus Intl Sec Rev 6:477-496 Winter '81/'82

INTERNATIONAL LAW - Continued

Rolling Thunder and the law of war. W.Hays Parks. illus AU Rev 33:4-23 Jan-Feb '82

Rules of thumb for gut decisions: International law in emergencies. Alfred P. Rubin. Nav War Col Rev 35:41-50 Mar-Apr '82

Strait shooting. LCDR James A.Hazlett. illus map tab US Nav Inst Proc 108:70-73 Jun '82

Taming terrorism: In search of a new U.S. policy. N.C.Livingstone. Intl Sec Rev 7: 17-34 Spring '82

Victory over ignorance and fear: The U.S. minelaying attack on North Vietnam. Comdr Ulrik Luckow. Nav War Col Rev 35:17-27 Jan-Feb '82

INTERNATIONAL LOGISTICS NEGOTIATIONS see Arms SalesINTERNATIONAL ORGANIZATION

See also
Regionalism

Newly-formed European Institute for Security Matters. Jochen Löser and Jan Ch. Blohm. Armada Intl 6:122+ Mar-Apr '82

INTERNATIONAL POLITICS

Asian perspective. Regular feature in issues of Military Science & Technology

The balance of forces in the East Asian-Pacific region. Wilhelm G.Grewe. illus NATO's Fifteen Nations 27:18-22+ Jun-Jul '82

Diego Garcia: Political clouds over a vital U.S. base. Joel Larus. illus Strat Rev 10:44-45 Winter '82

Does modern technology change the rules of geopolitics? Randall Collins. J Pol & Mil Sociol 9:163-177 Fall '81

'The essence of our foreign strategy.' Vincent C.Thomas, Jr. Interview. maps Sea Power 25:35-36+ Nov '82

"A growing anti-Alliance attitude threatens free world defense." Interview. MajGen Richard C.Bowman, Ret. illus por Armed Forces J Intl 119:66+ Feb '82

The handwriting on the wall may be a forgery. James R.Schlesinger. por Armed Forces J Intl 119:28+ Mar '82

Intelligence wire. Regular feature in issues of Defense Electronics beginning with July 1982

International outlook. Regular feature in issues of Signal

"The loneliness of strength--the USA looks at the 1980's." Robert F.Ellsworth. illus NATO's Fifteen Nations 27:16-18 Aug-Sep '82

INTERNATIONAL POLITICS - Continued

National security and national purpose: The West, the Soviet Union, and China. George H. Quester. illus AU Rev 33:18-32 Mar-Apr '82

Soviet political relations with Africa. Henry Bienen. Intl Sec 6:153-173 Spring '82

World views. Regular feature in issues of Military Science & Technology

INTERNATIONAL RELATIONS

See also subdivision Foreign Relations under names of countries

The conflict index. Regular feature in issues of Defense & Foreign Affairs

Deterrence and perception. Robert Jervis. Intl Sec 7:3-30 Winter '82/'83

'The essence of our foreign strategy.' Vincent C. Thomas, Jr. Interview. maps Sea Power 25:35-36+ Nov '82

The Falklands conflict. James Cable. illus US Nav Inst Proc 108:70-76 Sep '82

The future of East-West relations: Some policy perspectives. Johan Jørgen Holst. Nav War Col Rev 35:12-22 Sep-Oct '82

The governance of international affairs. Charles Yost. Intl Sec 6:207-222 Winter '81/'82

How America looks at Europe. Arthur F. Burns. AEI For Plcy & Def Rev 3, No. 6:2-5 '81/'82

Implications of security patterns among developing states. Edward A. Kolodziej. illus tabs AU Rev 33:2-22 Sep-Oct '82

International outlook. Regular feature in issues of Signal

Just look at the world! Denis Warner. illus Pac Def Rep 9:49-50 Jul '82

National security in an insecure age. Laurence Martin. Nav War Col Rev 35:4-11 Sep-Oct '82

North-South relations in the 1980s. Theodore H. Moran. Nav War Col Rev 35:23-32 Sep-Oct '82

Over the horizon. Regular feature in issues of Military Science & Technology

The second imperial requiem. John Kenneth Galbraith. Intl Sec 7:84-93 Winter '82/'83

Strait shooting. LCDR James A. Hazlett. illus map tab US Nav Inst Proc 108:70-73 Jun '82

INTERNATIONAL SECURITY see Security, International

INTEROPERABILITY see Standardization and Interoperability

INTERPLANETARY FLIGHT see Space Flight

INTERSERVICE COOPERATION

AF, Navy pact will boost sea defense. Leonard Famiglietti. illus AF Times 43:4 Dec 13 '82

AN/TSQ-73 integration with Marine TAOC (Tactical Air Operations Center) Capt Robert N. Moschini. illus Air Def Mag. pp 6-9, Jan-Mar '82

BAI (Battlefield Air Interdiction): The key to the deep battle. Maj C. Lanier Deal, Jr. illus Mil Rev 62:51-54 Mar '82

³
C CM: Progress and outlook. MajGen Doyle E. Larson. Def Mgt J 18:6-10 Third Quarter '82

A carrier aviation primer. F. Clifton Berry, Jr. illus tabs AF Mag 65:60-65 Nov '82

ESM vs SIGINT and the EW battle. MajGen James E. Freeze, Ret. por J of Elect Def 5:21-22 Jun '82

The fleet and the Marines. LtCol John J. Reber, Ret. illus US Nav Inst Proc 108:66-73 Nov '82

How "sharing the shortages" is paying off. illus Govt Exec 14:12-13+ Mar-Apr '82

A job well done. LtCol Albert N. Garland, Ret. illus Fld Arty J 50:17-19 Mar-Apr '82

The promises and pitfalls of USAF-Navy cooperation. VADM Gerald E. Miller, Ret. illus AF Mag 65:66-67+ Nov '82

History

The promises and pitfalls of USAF-Navy cooperation. VADM Gerald E. Miller, Ret. illus AF Mag 65:66-67+ Nov '82

INTERSERVICE RIVALRY

Jones: Tone down bickering, spruce up managing. Bud Andrews. por AF Times 42:3 Mar 1 '82

INTERVENTION

Afghanistan: The empire strikes out. Joseph J. Collins. Parameters 12:32-41 Mar '82

Afghanistan: What impact on Soviet tactics? MSgt William T. Beck and others. illus maps Mil Rev 62:2-11 Mar '82

Falklands: Much at stake for British. Bud Andrews. AF Times 42:23-24 Apr 19 '82

The Falklands War: Update. Gregory Copley. illus Def & For Aff pt 1, 10:6-7+ May '82; pt 2, 10:15+ Jun '82

Political and military background for France's intervention capability. George H. Wittman. AEI For Plcy & Def Rev 4, No. 1:12-17 '82

The politics of (Menachem) Begin's Baghdad raid. Capt M. Thomas Davis. Nav War Col Rev 35:33-40 Mar-Apr '82

Responding to Soviet intervention in the Third World. Thomas H. Etzold. Nav War Col Rev 35:25-35 May-Jun '82

INTERVENTION - Continued

Scorched-earth policy: Soviets in Afghanistan. Maj John M. Hutcheson. illus Mil Rev 62:29-37 Apr '82

Soviet crisis and western disunity: Contending timetables. Brian Crozier. Strat Rev 10:21-28 Fall '82

The Soviet invasion of Afghanistan: Its inevitability and its consequences. Lawrence E. Grinter. maps Parameters 12:53-61 Dec '82

INVENTIONS

Johnny Crowell: Aircraftsman, exhibition pilot, and inventor. Thomas E. Lowe. illus Am Avn Hist Soc J 27:210-217 Fall '82

INVENTORIES

Aerospace Vehicle and equipment Inventory, Status, and Utilization Reporting System (AVISURS). TIG Brief 34:6 Feb 5 '82

Alternatives in provisioning computational methodology. Bernard C. Price. tabs Log Spectrum 15:14-19 Winter '81

Integrated wartime supply. Capt Andrew J. Ogan and LtCol Joseph H. O'Neill. illus AF J Log 6:18-20 Summer '82

Word processing for warehouse inventory control. Richard Foster II. Army Log 14:36-37 Mar-Apr '82

INVESTMENTS

Depreciation policy reform and the defense industrial base. Maj Richard J. Wall. tab Def Mgt J 18:28-35 Third Quarter '82

Enhancing productivity through increased capital investment. Andrew P. Mosier. Concepts 5:190-213 Summer '82

European overview: Competition, education, taxation. Franz A. P. Frisch. illus tabs Concepts pt 1, 5:7-44 Winter '82; pt 2, Comparative investment patterns. 5:14-38 Spring '82

IRA (Individual Retirement Account) benefits build toward retirement. Sergeants 21:30-32 Dec '82

Legislation opens IRA to military. LtCol Edwin C. Schilling III. Officer 58:30-32 Mar '82

Plan your own recovery under the new tax laws: IRAs are not forever. Cynthia Rice. AF Times 42:35-36 Feb 1 '82

Why the "Carlucci initiatives" aren't working. Govt Exec pt 1, 14:30+ Aug '82; pt 2, The Carlucci initiatives: Firing blanks at the wrong targets? 14:38+ Sep '82; pt 3, Implementing the Carlucci initiatives: Can the rabbit make the turtle run? 14:18+ Oct '82

IOSUE, Andrew P.

'A new ball game' (recruiting and retention). LtGen Andrew P. Iosue. TIG Brief 34:2 Jun 11 '82

IRAN-IRAQ WAR, 1980-

The Iraq-Iran War. Edgar O'Ballance. illus maps MarCor Gaz 66:44-50 Feb '82

Lessons of the Iran-Iraq War: The first round. Anthony H. Cordesman. tab map Armed Forces J Intl pt 1, 119:32+ Apr '82; pt 2, Tactics, technology, and training. 119:68+ Jun '82

Military policy and strategy in the (Persian) Gulf War. William O. Staudenmaier. map Parameters 12:25-35 Jun '82

There's a new armored war (modified by the experiences in the Iran-Iraq War and the Saharan Conflict) being fought. Michael C. Dunn. Def & For Aff 10:6-7+ Jan-Feb '82

Lessons Learned (Military)

Lessons of the Iran-Iraq War. David Rosser-Owen. Armada Intl 6:40-42+ May-Jun '82

Lessons of the Iran-Iraq War: The first round. Anthony H. Cordesman. tab map Armed Forces J Intl pt 1, 119:32+ Apr '82; pt 2, Tactics, technology, and training. 119:68+ Jun '82

IRANIAN CRISIS, 1979-1981

Rewarding terrorism: The U.S.-Iranian hostage accords. Stuart S. Malawer. illus Intl Sec Rev 6:477-496 Winter '81/'82

Social status and responses to the Iranian hostage crisis. Lee Sigelman. tabs J Pol & Mil Sociol 9:61-72 Spring '81

Surviving a hostage situation. Capt Robert T. Wolfertz. MarCor Gaz 66:18-20 Jan '82

22 months after Desert One, some on Iran rescue try still not decorated. Benjamin F. Schemmer. Armed Forces J Intl 119:17-18+ Mar '82

IRAQPolitics and Government

The preservation of power and how four Middle Eastern leaders have done it. Michael C. Dunn. illus Def & For Aff 10:45-46+ Apr '82

IRIAN JAYA

What of West Irian? Col Colin East. Pac Def Rep 8:40-42+ Feb '82

IRRADIATION see RadiationIRZYK, Albin F.

They, too, were heroes. BrigGen Albin F. Irzyk. illus Army 32:18-21+ Dec '82

ISLANDS AND ATOLLS

Islands of dispute (southern islands in the Kurile chain). Maj George A. Harmer. illus maps Mil Rev 62:12-18 Jun '82

ISRAEL

AWACS and other Mideast arms. Jim Bussert.
illus tabs map Mil Elect/Countermeasures
8:34+ Jan '82

Israeli settlements and security. Col A.S.
Duncan. map RUSI J for Def Studies 127:51-
54 Mar '82

Middle East map dangerously redrawn. John
Christie. Pac Def Rep 9:53-54 Aug '82

Return to the Middle East--no 1: Some punji
sticks in the Sinai sands. John Christie.
illus map Pac Def Rep 8:22-23 Apr '82

Foreign Policy

On peace and security: Perceptions and prin-
ciples of Israeli policy. Shlomo Argov.
RUSI J for Def Studies 127:12-16 Jun '82

Foreign Relations

The view from Israel. Ze'ev Schiff. illus
Pac Def Rep 8:24+ Feb '82

ISRAEL - ContinuedForeign Relations - Cont'dEgypt

'Operation Ramon': Historic move to the
Negev. Maj Karen McKay. illus map Army 32:
46-49+ Apr '82

Iraq

The Israeli raid on Iraq: A new prolifera-
tion landscape. Amos Perlmutter. illus
Strat Rev 10:34-43 Winter '82

The politics of (Menachem) Begin's Baghdad
raid. Capt M.Thomas Davis. Nav War Col Rev
35:33-40 Mar-Apr '82

Lebanon

Israel lashes out. R.D.M.Furlong. illus Intl
Def Rev 15, No.8:1001-1007 '82

Politics and Government

The view from Israel. Ze'ev Schiff. illus
Pac Def Rep 8:24+ Feb '82

J T I D S see Joint Tactical Information
Distribution System

JAMES, Avon C.

Directorate of Computer Resources. Regular
feature in issues of Air Force Comptroller

Phase IV program (Air Force-wide program to
replace obsolete base level computer sys-
tems with state-of-the-art technology).
BrigGen Avon C. James. illus tabs AF Compt
16:3-5+ Jul '82

JAMMING

ASPJ (Airborne Self Protection Jammer)--a
unique defense procurement program. Neil
W. Hansen. illus J of Elect Def 5:31-36
Feb '82

The deadly game: Search radar versus air-
craft. Edwin M. Drogin. illus Def Elect
14:56-57+ Aug '82

3
Dr. Eberhardt Rechtin: C is the heart of
any war in space. Martha Smith. illus
Mil Elect/Countermeasures 8:9-10+ Nov '82

ECM-resistant information transmission sys-
tems. Joachim Reisch. illus Mil Tech 6:
79-81+ Nov '82

Electronic combat: The threat drives the
response. Gen Robert T. Marsh. por AF Mag
65:62+ Jul '82

Electronic warfare in the land tactical com-
munications environment. Adrian Turnbull
and William Gosling. illus tabs Pac Def Rep
8:69-70+ May '82

High ERP (Effective Radiated Power) phased
array ECM systems. Murray Simpson. illus
tabs J of Elect Def 5:41-49 Mar '82

Hover jam: U.S. Army studies EW helicopter.
Dan Boyle. illus Interavia 37:760-762
Aug '82

Improved ASPJ (Airborne Self-Protection
Jammer) beats schedule production to
start in 1984. illus Def Elect 14:102-
104 Sep '82

Increase in jammed word intelligibility due
to training of listeners. C.W. Nixon and
others. illus tab Aviation, Space & Envmt
Med 53:239-244 Mar '82

Jamming Jerry's radar. Horace Corigliano.
illus J of Elect Def 5:64-65 Dec '82

An overview of surface Navy ESM/ECM develop-
ment. Richard D. Curtis. illus J of Elect
Def 5:27-38 Mar '82

A Soviet view of ECM and ECCM (Excerpted
from Radar Anti-Jamming Techniques, by
M.V. Maksimov, et al) J of Elect Def 5:
53-60 Jan '82

Tactical jamming: A new role for the F-111.
Sgt George Fillgrove. illus Mil Elect/
Countermeasures 8:28+ Feb '82

Trial mace--NATO cooperation. LtCol William
D. Fritz, Jr. illus J of Elect Def 5:56-59+
May '82

JAPAN

Assignment Japan--what to expect. Maj Cliff
Bernath. illus tabs Soldiers 37:16-22 Mar
'82

The elements of cooperation: Treaties,
forces, roles, & budgets. (Excerpts from
testimony before House Subcommittee on
Asian and Pacific Affairs, Mar 1, 1982)
Francis J. West, Jr. illus Defense/82,
pp 18-21, Jun '82

Extending the analysis beyond the two super-
powers: Adding in the allies. tab
Defense/82, pp 16-17, May '82

Japan and the future of Pacific defense.
(Testimony before House Subcommittee on
Asian and Pacific Affairs) Francis J. West,
Jr. illus Defense/82, pp 12-17, Jun '82

Japan: Need to bolster defence--renewed
efforts to boost military capabilities.
tabs illus maps Asian Def J No.5:56-58+
May '82

A Reagan "shoku" for Japan? Stephen P. Gibert.
Intl Sec Rev 6:449-464 Winter '81/'82

U.S.-Japan concern over sea lanes' defence.
illus map Asian Def J No.8:26-28 Aug '82

Economic Conditions

Japan and the United States--a comparison of
management styles. Allan D. Kissam. illus
tabs Mil Engr 74:360-365 Sep-Oct '82

Foreign Policy

The Japanese defense debate: A growing con-
sensus. Karl W. Eikenberry. Parameters 12:
69-78 Jun '82

Foreign Relations

Japanese national security policy--a brief
review. Khalid Abdullah. map illus Asian
Def J No.12:61-63+ Dec '82

A S E A N

Asia forgetting its fears of Japan. Denis
Warner. illus Pac Def Rep 8:34-35 Feb '82

Asia, Southeastern

Asia forgetting its fears of Japan. Denis
Warner. illus Pac Def Rep 8:34-35 Feb '82

Soviet Union

Islands of dispute (southern islands in the
Kurile chain). Maj George A. Harmer. illus
maps Mil Rev 62:12-18 Jun '82

United States

Japan and the future of Pacific defense.
(Testimony before House Subcommittee on
Asian and Pacific Affairs) Francis J. West,
Jr. illus Defense/82, pp 12-17, Jun '82

JAPAN - ContinuedForeign Relations - Cont'dUnited States - Cont'd

Japanese-American economic troubles--lowering the temperature. Saburo Okita. Intl Sec 7:198-203 Fall '82

Old habits, new times--challenges to Japanese-American security relations. Taketsugu Tsurutani. Intl Sec 7:175-187 Fall '82

An unnatural defense alliance--the U.S. and Japan. Terry D.Lantz. map Armed Forces J Intl 120:57-58+ Oct '82

Politics and Government

The Japanese defense debate: A growing consensus. Karl W.Eikenberry. Parameters 12: 69-78 Jun '82

Strategic Importance

Japanese security policy--a time for strategy. Hisahiko Okazaki. Intl Sec 7:188-197 Fall '82

JEPSEN, Roger W.

Roger W.Jepsen: Guard, Reserve forces represent best buy to expand conventional structure. Lt W.Bruce Spiher. illus por Officer 58:26-28 Dec '82

JET ENGINES

See also
Gas Turbines (Aircraft)

F100 engine update. illus TAC Attack 22:12-14 Jan '82

The importance of D024 engine status reporting. TIG Brief 34:10 May 28 '82

Pratt & Whitney's rejuvenated JT9D. Bron Rek. illus tabs Interavia 37:178-180 Feb '82

Rolls-Royce looks forward from Pegasus. Paul Maurice. illus Interavia 37:610-611 Jun '82

Wizardry at Wright-Pat. Capt Phil Lacombe. illus AF Mag 65:66-71 Jan '82

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

History

The great jet engine race . . . and how we lost. Lee Payne. illus AF Mag 65:58-64 Jan '82

JOB ANALYSIS

The effect of premilitary experiences on military success. Johnnie Daniel and Arthur Korotkin. tabs J Pol & Mil Sociol 9:255-261 Fall '81

Job attitudes of commercial and U.S. Air Force pilots. William E.Rosenbach and Robert A.Gregory. tabs Armed Forces & Soc 8:615-628 Summer '82

JOB ANALYSIS - Continued

The Job Performance Appraisal System (JPAS). TIG Brief 34:7-8 Jun 25 '82

JOHNSON SPACE CENTER see Lyndon B. Johnson Space Center

JOINT AIR ATTACK TEAM see Tactical Air Forces--U.S.

JOINT CHIEFS OF STAFF

An armed forces staff. William G.Hanne. chart Parameters 12:53-62 Sep '82

Breaking rank: Navy witnesses' backing of JCS reforms fuels support for change. Deborah M.Kyle. illus Armed Forces J Intl 119:10+ Aug '82

DOD deadline on JCS reform recommendations may delay reorganization bill. Deborah M. Kyle. Armed Forces J Intl 120:17+ Sep '82

(Gen John W.) Vessey: Would sacrifice carrier for pay raise. Don Hirst. AF Times 42:4 May 24 '82

Gen Vessey to head JCS. por AF Times 42:2 Mar 15 '82

The JCS--how much reform is needed? Gen Edward C.Meyer. illus por Armed Forces J Intl 119:82+ Apr '82

JCS proposes reform: Better deal in joint jobs. AF Times 43:1+ Dec 6 '82

JCS reform: Chiefs have varied ideas. illus AF Times 42:4 May 3 '82

JCS reform vital, (Gen David) Jones tells SASC (Senate Armed Services Committee). Martha Lynn Craver. AF Times 43:3 Dec 27 '82

JCS reorganization prospects. illus AF Mag 65:44-47 Aug '82

JCS role in C³ systems acquisition. LtGen Hillman Dickinson. Signal 36:49-51 Aug '82

The Joint Chiefs at 40. Robert J.Watson. illus Defense/82, pp 16-24, Jan '82

Joint Chiefs: Hold off retirement pay cuts. Tom Philpott. AF Times 42:1+ Mar 22 '82

Joint Chiefs of Staff. LtGen Oren E.DeHaven. charts illus por Def Trans J 38:17-20 Feb '82

Jones: Tone down bickering, spruce up managing. Bud Andrews. por AF Times 42:3 Mar 1 '82

Legislative revamping of the JCS: Cautious first step? Armed Forces J Intl 120:17+ Sep '82

Maxwell Taylor proposes 2 groups in place of JCS. Martha Lynn Craver. AF Times 43:12 Aug 2 '82

JOINT CHIEFS OF STAFF - Continued

New chairman, (Gen John W.) Vessey, endorses JCS overhaul: Navy, Marines adamantly oppose JCS reforms most others tell Congress are long overdue. Deborah M.Kyle and Benjamin F.Schemmer. illus por Armed Forces J Intl 119:61-62+ Jun '82

New defense guidance tells services 'to get in step.' L.Edgar Prina. Sea Power 25: 43-44+ Aug '82

Policies, prices, and presidents: The need to enlighten the great choices in national security. Russell Murray II. illus Armed Forces J Intl 119:56-60 Jun '82

Reagan nominates General John W.Vessey as new Joint Chiefs of Staff Chairman. Deborah G.Meyer and Benjamin F.Schemmer. por Armed Forces J Intl 119:20+ Apr '82

Reorganizing the JCS. por MarCor Gaz 66:33-35 Sep '82

The system will change. Edgar Ulsamer. Interview. illus por AF Mag 65:38-41 Jul '82

Why the Joint Chiefs of Staff must change. Gen David C.Jones. illus por Armed Forces J Intl 119:62+ Mar '82

History

The JCS--how much reform is needed? Gen Edward C.Meyer. illus por Armed Forces J Intl 119:82+ Apr '82

New life for JCS at forty. John L.Frisbee. chart AF Mag 65:86-90 Feb '82

The problem of the Joint Chiefs of Staff. Leonard Wainstein. Intl Sec Rev 7:233-243 Fall '82

Organization

A British view on the incentives for JCS reform. Neville Trotter. Armed Forces J Intl 119:70+ May '82

The JCS--how much reform is needed? Gen Edward C.Meyer. illus por Armed Forces J Intl 119:82+ Apr '82

JCS reform--and more: A long overdue initiative. Robert F.Ellsworth. illus Armed Forces J Intl 119:69+ May '82

JCS reform: Necessary, but in moderation. W.Graham Claytor, Jr. illus Armed Forces J Intl 119:68+ May '82

New life for JCS at forty. John L.Frisbee. chart AF Mag 65:86-90 Feb '82

The problem of the Joint Chiefs of Staff. Leonard Wainstein. Intl Sec Rev 7:233-243 Fall '82

JOINT DEPLOYMENT AGENCY

Force deployment and sustainment: A bold new approach. Maj Clark B.Russell. illus AF J Log 6:5-9 Spring '82

Joint Deployment Agency: A deployment broker. illus Airlift Ops Rev 4:8-11 Apr-Jun '82

The role of the Joint Deployment Agency. illus Translog 13:1-4 Sep '82

JOINT ELECTRONIC WARFARE CENTER

C³CM: Progress and outlook. MajGen Doyle E. Larson. Def Mgt J 18:6-10 Third Quarter '82

JOINT FORCES

This term applies to forces of one country only. For information on forces of two or more allied countries see Combined Forces.

JCS proposes reform: Better deal in joint jobs. AF Times 43:1+ Dec 6 '82

Soviet Union

More on Soviet marines. George Custance. illus MarCor Gaz 66:23-24 Jan '82

United States

ANGLICO (Air and Naval Gunfire Liaison Company). Maj William R.Jones. Infantry 72:9-10 May-Jun '82

BAI (Battlefield Air Interdiction): The key to the deep battle. Maj C.Lanier Deal, Jr. illus Mil Rev 62:51-54 Mar '82

The integrated battlefield. Col William G. Hanne. Mil Rev 62:34-44 Jun '82

Joint Service software policy and standards. LtCol Casper H.Klucas and others. Concepts 5:191-201 Autumn '82

The operational art of the airland battle. LtCol John S.Doerfel. illus Mil Rev 62:3-10 May '82

What it's all about: (Joint Army, Navy and Marine Corps interservice mission and equipment training). Capt Ronald B.Brown. illus USA Avn Dig 28:28-29 Mar '82

JOINT LOGISTICS COMMANDERS

How "sharing the shortages" is paying off. illus Govt Exec 14:12-13+ Mar-Apr '82

Joint Service software policy and standards. LtCol Casper H.Klucas and others. Concepts 5:191-201 Autumn '82

JOINT OPERATIONS

This term applies to operations of one country only. For information on operations of two or more allied countries see Combined Operations.

See also specific exercises and/or operations by name.

AN/TSQ-73 integration with Marine TAOC (Tactical Air Operations Center) Capt Robert N. Moschini. illus Air Def Mag, pp 6-9, Jan-Mar '82

Bright Star: MAC--first in, last out. Maj Billie R.Carpenter. illus Airlift Ops Rev 4:14-16 Apr-Jun '82

It's time to assign one of two missions to each of the U.S.' two large "armies." BrigGen Philip L.Bolte. illus Armed Forces J Intl 119:65+ Jan '82

JAAT (Joint Air Attack Team): A present concept. Maj William J.Filippini and Capt David S.Prewitt. illus USA Avn Dig 28:2-7 Nov '82

A joint approach to C³I. Edgar Ulsamer. AF Mag 65:54-57 Dec '82

JOINT OPERATIONS - Continued

The promises and pitfalls of USAF-Navy cooperation. VADM Gerald E. Miller, Ret. illus AF Mag 65:66-67+ Nov '82

Three states execute joint training exercises. illus Natl Guard 36:14-15+ Oct '82

Zapad 81: Successor to Okean? Gains for USSR, and some lessons for NATO. Floyd D. Kennedy, Jr. illus tab Sea Power 25:29-30+ Jan '82

Study and Teaching

Who's going to teach aviators how to fight? LtCol James W. Lloyd. illus USA Avn Dig 28: 6-9 Feb '82

JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM

Army firms up JTIDS planning. Col William S. Jones. illus Def Elect 14:81-82+ Aug '82

C³I--the sky is the limit. Felix Müller. illus Armada Intl (Special Issue I) 6:37-40 May-Jun '82

JTIDS coordinates tactical elements. Nelson E. Bolen. illus Def Elect 14:104-105 Jan '82

JTIDS marches on: Will it work in Europe? Chris Bulloch. illus Interavia 37:573 Jun '82

NAVELEX looks to future in serving the electronic needs of the fleet. illus Def Elect 14:59-62 Apr '82

The view from industry--Joint Tactical Information Distribution System (JTIDS). John P. Sputz. Signal 36:15-17 Mar '82

The view from the Joint Program Office--Joint Tactical Information Distribution System (JTIDS). Col Norman E. Wells. Signal 36: 11-13 Mar '82

JONES, David C.

Can we be secure with a nuclear freeze? Gen David C. Jones. illus tabs Defense/82, pp 12-19, Jul '82

Jones: Tone down bickering, spruce up managing. Bud Andrews. por AF Times 42:3 Mar 1 '82

The system will change. Edgar Ulsamer. Interview. illus por AF Mag 65:38-41 Jul '82

United States (and NATO's commitment to deter Warsaw Pact aggression in Europe). Gen David C. Jones. illus por NATO's Fifteen Nations Special Issue No. 2:70+ '81

Why the Joint Chiefs of Staff must change. Gen David C. Jones. illus por Armed Forces J Intl 119:62+ Mar '82

JORDANPolitics and Government

The preservation of power and how four Middle Eastern leaders have done it. Michael C. Dunn. illus Def & For Aff 10:45-46+ Apr '82

JUDICIAL SYSTEMS see CourtsJUDO see Hand-to-Hand CombatJUNGLE WARFARE

Jungle rappelling. MSgt Dave Goldie. illus Infantry 72:31-33 Nov-Dec '82

JUSTICE DEPTUnited States

Justice eyes suit against CHAMPUS bilker. Tom Philpott. AF Times 43:4 Oct 25 '82

K P (Kitchen Police) see Food Service

KAMPUCHEA see Cambodia

KASTENMAYER, Walter W.

Reinforcements and prepositioning. BrigGen Walter W.Kastenmayer. illus NATO's Fifteen Nations 27:38+ Oct-Nov '82

KEITH, Donald R.

DARCOM welcomes the challenge--readiness, innovation, efficiency. Gen Donald R.Keith. illus Army 32:58-61+ Oct '82

KELLEY, Robert E.

Air Force Academy. illus por AF Mag 65:141 May '82

Sunrise at the Springs. H.Perry Sullivan. Interview. illus por AF Engrg & Svcs Qtr 23:4-9 Summer '82

KEMP, Jack F.

Meeting challenges to U.S. security interests in the western hemisphere. Rep Jack Kemp. Intl Sec Rev 7:125-133 Summer '82

KICKLIGHTER, Claude M.

The Central Europe pipeline system. BrigGen Claude M.Kicklighter. illus por NATO's Fifteen Nations Special Issue No.2:84+ '81

KINGSTON, Robert C.

Combat commanders must have best. (Excerpts from presentation, ROA Mid-Winter Meeting, Washington) LtGen Robert C.Kingston. illus Officer 58:14-16 May '82

"Initially . . . it's all airlift." Commander RDJTF (Rapid Deployment Joint Task Force). Interview. illus por Airlift 4:2-6 Fall '82

KINNARD, Harry W.O.

Army helicopters: The debate goes on. Gregg Easterbrook and LtGen Harry W.O.Kinnard, Ret. por Armed Forces J Intl 119:24-25 Aug '82

Army helicopters: Why? LtGen Harry W.O.Kinnard, Ret. illus por tab Armed Forces J Intl 119:58+ May '82

KIRKPATRICK, Jeane J.

A respect for history. Jeane J.Kirkpatrick. AEI For Plcy & Def Rev 3, No.6:6-10 '81/'82

KISSINGER, Henry A.

The realities of security. Henry A.Kissinger. AEI For Plcy & Def Rev 3, No.6:11-16 '81/'82

KORB, Lawrence J.

Innovations to support our NATO commitment. Lawrence J.Korb. illus Defense/82, pp 2-7, Nov '82

Korb wants a hold on new GI Bill plan. Martha Lynn Craver. AF Times 42:1+ Mar 22 '82

(Lawrence J.) Korb: Cap likely, but 'comparability' ahead. por AF Times 42:7 May 24 '82

Logistics research and development. Lawrence J.Korb. Excerpt from speech, Logistic Research and Development Symposium, Arlington, VA, Mar 31, 1982. Log Spectrum 16: 35-37 Fall '82

Making the volunteer force work. Asst SecDef Lawrence J.Korb. por tabs illus Defense/82, pp 2-11, Jan '82

The ready Reserves: An essential defense ingredient. Lawrence J.Korb. tabs Interservice 2:12-16+ Winter '82

'Seven truths that confront us.' Lawrence J. Korb. illus por Natl Guard 36:20 Jan '82

KOREA

The balance of forces in the East Asian-Pacific region. Wilhelm G.Grewe. illus NATO's Fifteen Nations 27:18-22+ Jun-Jul '82

Military Occupation, Allied

No dirtballs on the DMZ (Demilitarized Zone). Maj Cliff Bernath. illus Soldiers 37:22-28 May '82

KOREA (DEMOCRATIC PEOPLE'S REPUBLIC) see Korea (North)

KOREA (NORTH)

Arms control in the Korean peninsula. LtCol Kim Hyon. The Andover Prize Essay. Hawk, pp 45-53, Feb '82

North Korean military doctrine. Yong Soon Yim. tabs Intl Sec Rev 7:183-204 Summer '82

KOREA (REPUBLIC) see Korea (South)

KOREA (SOUTH)

Amerasians--the children nobody wants. Carole Siler. illus AF Times 43:47-48 Aug 2 '82

Arms control in the Korean peninsula. LtCol Kim Hyon. The Andover Prize Essay. Hawk, pp 45-53, Feb '82

North Korean military doctrine. Yong Soon Yim. tabs Intl Sec Rev 7:183-204 Summer '82

The rice paddy depot (Kimhae, Korea). SSgt Craig Pugh. illus Airman 26:28-34 Feb '82

KOREA (SOUTH) - Continued

Team Spirit 82. MSgt Mike Mason. illus
Soldiers 37:10-14 Oct '82

Update Korea. Capt Mike Wright. Combat Crew
32:4-5 Oct '82

Description and Travel

Korean experience. SSgt Craig Pugh. illus
Airman 26:16-23 Feb '82

Economic Conditions

Plus and minus in Australia's Near North.
Denis Warner. illus Pac Def Rep 9:61-63
Sep '82

Foreign RelationsUnited States

U.S.-ROK observe milestone--partners in arms,
century-old friends. Gen Robert W.Sennewald.
illus Army 32:82-85+ Oct '82

KOREAN WAR, 1950-1953Campaigns and Battles

The Inchon landing: How great was the risk?
Maj Bruce R.Pirnie. illus maps Jt Persp
3:86-97 Summer '82

KOZLOVSKY, William P.

United States Coast Guard. RADM William P.
Kozlovsky. illus map por Def Trans J 38:
49-52 Feb '82

KRAMER, Ken

(Rep Ken) Kramer calls for unified multi-
service space agency. AF Times 43:23
Dec 27 '82

U.S. aerospace force? Cong Ken Kramer. illus
Officer 58:14-16 Feb '82

KROESEN, Frederick J.

(Gen Frederick J.) Kroesen: Overseas housing
'No. 1 peacetime problem.' Tom Philpott.
Interview. AF Times 43:14 Jul 26 '82

The short cut. (NATO's Central Army Group
(CENTAG)) Gen Frederick J.Kroesen. illus
map NATO's Fifteen Nations Special Issue
No.2:40+ '81

U.S. Army, Europe: 'Deterrent power real.'
Gen Frederick J.Kroesen. illus Army 32:
70-73+ Oct '82

KRULAK, Victor H.

'This precious few...': The evolution of
Marine recruit training. LtGen Victor H.
Krulak, Ret. MarCor Gaz 66:48-55 Apr '82

KURILE ISLANDS

Islands of dispute (southern islands in the
Kurile chain). Maj George A.Harmer. illus
maps Mil Rev 62:12-18 Jun '82

KUTER, Laurence S.

The pioneer plan for air war. DeWitt S.Copp.
AF Mag 65:74-78 Oct '82

L

L M D C see Leadership and Management Development Center

LABOR-MANAGEMENT RELATIONS

United States

Burden of proof in discrimination complaints. TIG Brief 34:13 May 14 '82

Recordkeeping requirements under the Fair Labor Standards Act. TIG Brief 34:7 Jul 9 '82

LABOR PRODUCTIVITY

Boosting efficiency in construction. Jeffrey G. Busley. illus Mil Engr 74:350-352 Sep-Oct '82

Common sense management. Edward R. Toth, Jr. illus Natl Def 67:47-50+ Sep '82

Computer programming--profession or pastime? William A. Delaney. Signal 37:51-54 Sep '82

General (James W.) Stansberry. Interview. por illus J of Elect Def 5:49-58+ Jul '82

How management consultation is improving Air Force productivity. Sandra S. Rittenhouse and LtCol David A. Wilkerson. illus Def Mgt J 18:9-13 Fourth Quarter '82

Managing better American productivity. Warde F. Wheaton. illus Natl Def 66:38-40 Feb '82

(OMB Circular) A-76: Moratorium or requiem? George A. Daoust, Jr. Govt Exec 14:34-35 May '82

Overseeing on-site productivity. Louis E. Alfeld. illus tab Mil Engr 74:346-349 Sep-Oct '82

Productivity enhancement in a headquarters logistics organization. Maj Russell F. Lloyd and Capt John D. Fiorini. AF J Log 6:21-24 Fall '82

Productivity improvement: The defense customer should stimulate, not discourage contractors. Tom Murrin. illus Govt Exec 14:47-48+ Sep '82

Productivity, readiness, and you. MajGen Keith D. McCartney. TIG Brief 34:2 Jun 25 '82

Quality circles: A new style for American management. Capt Charles S. Lail. AF J Log 6:28-29 Fall '82

Quality, productivity are the real targets. Geary Rummler and Alan Brache. illus Govt Exec 14:24-26 Jan '82

Readiness and productivity: Friends or foes. Col Jack P. Bujalski. AU Rev 33:47-51 Sep-Oct '82

Refining management techniques--a commitment to progress. Marc S. Caspe. illus tabs Mil Engr 74:354-359 Sep-Oct '82

What's office automation all about? Charles A. Ross. illus Signal 36:139-142+ May-Jun '82

LABOR PRODUCTIVITY - Continued

Why the "Carlucci initiatives" aren't working. Govt Exec pt 1, 14:30+ Aug '82; pt 2, The Carlucci initiatives: Firing blanks at the wrong targets? 14:38+ Sep '82; pt 3, Implementing the Carlucci initiatives: Can the rabbit make the turtle run? 14:18+ Oct '82

LABOR SUPPLY see Manpower

LABOR UNIONS

Last try by union to recoup parking fees. AF Times 42:2 Jan 25 '82

LABORATORIES

See also specific types of Laboratories, e.g., Aeronautical Laboratories

Evaluation of laboratories. Col G. Dana Brabson. illus Concepts 5:68-81 Spring '82

R&D in the Corps of Engineers: Supporting the Army and the nation. J. Choromokos, Jr and Col M. I. Kovel. illus Mil Engr 74:194-196 May-Jun '82

LAND BRIDGE see Railroads

LAND WARFARE

Airland battle--implications for the Infantry. LtCol Jerry M. Sollinger. illus Infantry 72:20-25 Mar-Apr '82

Airland battle 2000 takes the offensive using high technology. David M. Russell. illus Def Elect 14:60+ Jun '82

Army Aviation: The combat multiplier. Maj Donald L. Trent. illus Infantry 72:18-21 Mar-Apr '82

The battle on the German frontier. LtCol Barry R. McCaffrey. Mil Rev 62:62-70 Mar '82

The deep raid--airland battle's power punch. Capt Marc C. Baur. illus Armor 91:38-41 Sep-Oct '82

Deep thrust on the extended battlefield. Maj James C. Barbara and Robert F. Brown. illus Mil Rev 62:21-32 Oct '82

Employment of ADMs (Atomic Demolition Munitions). Col Gerald C. Brown and Maj James H. Glock. Mil Rev 62:33-37 Nov '82

Force modernization--doctrine, organization and equipment. LtCol Lawrence M. Jackson II. illus Mil Rev 62:2-12 Dec '82

Infantry and air defense in the airland battle. MajGen David E. Grange, Jr. Air Def Mag, pp 24-25, Oct-Dec '81

The integrated battlefield. Col William G. Hanne. Mil Rev 62:34-44 Jun '82

Maneuver in the deep battle. LtCol L. D. Holder. Mil Rev 62:54-61 May '82

LAND WARFARE - Continued

The mechanized infantry battalion task force in the airland battle. LtCol Jimmy Griffis and others. tab Infantry 72:21-24 Jul-Aug '82

Ne po shablonu (not by pattern): Soviet tactical flexibility. LtCol Richard S. Kosevich. illus Mil Rev 62:24-32 Aug '82

The new FM 100-5. LtCols Huba Wass de Czege and L.D.Holder. illus Mil Rev 62:53-70 Jul '82

The operational art of the airland battle. LtCol John S.Doerfel. illus Mil Rev 62:3-10 May '82

The principle of mass in Soviet tactics today. Maj John G.Hines. illus Mil Rev 62:13-23 Aug '82

The role of C³CM in the air land battle. Col C.B.Eichelberger. illus J of Elect Def 5:43-46 Jul '82

Soviet echeloning. P.H.Vigor. illus Mil Rev 62:69-74 Aug '82

Tactical control of a passage of lines. LtCol Edwin P.Smith. illus Armor 91:17-19 Nov-Dec '82

Winning the airland battle 2000. Judith C. Anspacher. illus Mil Elect/Countermeasures 8:47-50 Jul '82

LANDING CRAFT

Amphibious warfare: What sort of future? Col Joseph H.Alexander. illus US Nav Inst Proc 108:62-68 Feb '82

A much-needed lift. Vincent C.Thomas, Jr. illus Sea Power 25:22+ Nov '82

Organizing for mechanized combat. Capt J.J. Jackson. illus MarCor Gaz 66:46-49 Dec '82

LANDING GEAR see

Airplanes--Landing Gear
Airplanes, Military--Landing Gear

LANDING OPERATIONS see Amphibious OperationsLANDS, PUBLIC see Property, GovernmentLANGENBERG, William H.

The Big Berthas: How successful? RADM William H.Langenberg. illus Mil Rev 62:23-32 Nov '82

LANGUAGE AND LANGUAGES

See also
Russian Language and Literature

Study and Teaching

Learning their lingo. RADM Kemp Tolley. Ret. illus US Nav Inst Proc 108:70-72 Oct '82

Learning to speak all over again (at the Defense Language Institute Foreign Language Center). SP5 Bill Branley. illus Soldiers 37:44-46 Apr '82

LANGUAGE AND LANGUAGES - ContinuedTranslating and Interpreting

A Soviet ship: What's her name? John A. Broadwin. tabs Nav War Col Rev 35:77-86 Jul-Aug '82

LAOS

The scourge of chemical warfare in Indo-China, Afghanistan. illus Asian Def J No.8:76-77+ Aug '82

LARSON, Doyle E.

C³CM and the European environment. MajGen Doyle E.Larson. J of Elect Def 5:57-58+ Oct '82

C³CM--let's get on with it! MajGen Doyle E. Larson. illus por J of Elect Def 5:33-34 Jan '82

C³CM: Progress and outlook. MajGen Doyle E. Larson. Def Mgt J 18:6-10 Third Quarter '82

Electronic Security Command. illus chart por AF Mag 65:94-95 May '82

The technology transfer. MajGen Doyle E. Larson. illus por J of Elect Def 5:41-42+ Aug '82; Signal 37:55-57 Oct '82

LASERS

See also
Beam Weapons

An advanced combat training system using laser simulation. John M.Keating and Rudolph R.Gammarino. illus Natl Def 66:31-32+ May-Jun '82

The application of directed energy weapons to air defence. SqLdr K.R.A.Trotter. Hawk, pp 65-72, Feb '82

Beam weapons in space--a reality we must confront. Maj Steven E.Cady. AU Rev 33:33-39 May-Jun '82

Best kept secrets (the AF Weapons Lab, Kirtland AFB, NM). Maj Anthony Lynn Batezel. illus Airman 26:43-48 Apr '82

Electro optics in EW--USAF EO/IR technology advances. illus J of Elect Def 5:42-45 Jan '82

From smoke signals to spread spectrum, military communications decides who wins the war. Irving M.Gottlieb. tabs Mil Elect/Countermeasures 8:42-47 Dec '82

Laser air situation display. W.Thust. illus Armada Intl 6:52-54+ Jan-Feb '82

The laser horizon. Maj Timothy J.Shaw. illus Flying Safety 38:22-23 Sep '82

Laser radars. M.Ahmed. tabs Islamic Def Rev 7, No.2:19-23 '82

Laser research with Helen and Vulcan. illus Asian Def J No.9:48-49 Sep '82

LASERS - Continued

Laser simulators: The Army is testing European laser simulators. Paul A. Chadwell. illus Natl Def 66:17-18+ Mar '82

Laser technology gives new life to old equipment. Brian Walters. illus Asian Def J No.9:82+ Sep '82

Laser weapons, tactical lasers: Moving toward lethality. Jeff Hecht. illus Mil Elect/Countermeasures pt 1, 8:42+ Jun '82; pt 2, Strategic laser weapons. 8:16-19 Jul '82; pt 3, High-energy lasers for weapons applications. 8:73-75 Aug '82

MILES (Multiple Integrated Laser Engagement System). Maj J.A. Marlin. illus MarCor Gaz 66:24-25 Jun '82

Multiple integrated laser engagement system. Capt William L. Terrill. illus Air Def Mag, pp 28-29, Oct-Dec '81

On the military use of space. Ronald D. Humble. illus RUSI J for Def Studies 127:38-45 Sep '82

Space-based laser BMD (Ballistic Missile Defense): Strategic policy and the ABM Treaty. Keith B. Payne and Rebecca V. Strode. Intl Sec Rev 7:269-288 Fall '82

Space-based laser battle stations. Kurt Arbenz. illus Armada Intl 6:68+ Jul-Aug '82

Space lasers and responsibility. Angelo Codevilla. Def Elect 14:21+ Sep '82

The strategic value of space-based laser weapons. Barry J. Smernoff. illus AU Rev 33:2-17 Mar-Apr '82

To see, but not to be seen. Comdr J. Ellsen and J. Järnekull. illus Armada Intl 6:64+ May-Jun '82

LATIN AMERICA

Impressions of Latin America today. Theodore Ross Milton. illus NATO's Fifteen Nations 27:30-33 Jun-Jul '82

Military governments and U.S. policy: General concerns and Central American cases. David Scott Palmer. AEI For Plcy & Def Rev 4, No.2:24-29 '82

Foreign RelationsUnited States

Security assistance revisited: How to win friends and not lose influence. Gabriel Marcella. Parameters 12:43-52 Dec '82

LAUNCH VEHICLES see BoostersLAW see

International Law
Maritime Law
Military Law

LAWS AND LEGISLATION

AEA (American Electronics Association) comes out against R&D set-asides. Lisé Lovell. illus Mil Elect/Countermeasures 8:36-37 May '82

Bills of concern (many of which affect you and your family). illus Sergeants 20:28-30 Jun '82

Congress returns to consider Guard legislation, procurement. illus Natl Guard 36:6-7 Dec '82

Hill 'nibbled away' at people programs. AF Times 42:11 Jan 11 '82

Is it finally time for "sunset"? Bernard T. Pitsvada and Frank D. Draper. Armed Forces Compt 27:9-13 Fall '82

Nullification of McCarty: Opening Pandora's box? Randall Shoemaker. AF Times 43:32 Aug 2 '82

Past is prologue: Strategic materials and the defense industrial base. John D. Morgan. tab Def Mgt J 18:14-19 First Quarter '82

Personnel: Greatest problem facing the military. Rep G.V. Montgomery. Def Sci 2000+ 1:64-67 May-Jun '82

Proposal would speed claim settlement. AF Times 42:9 May 3 '82

Rebuilding the infrastructure (the first significant overhaul of Federal port policy in 200 years). Thomas B. Allen. illus Sea Power 25:32-38 Jul '82

Reforming environmental permit laws. Neil Orloff. illus Mil Engr 74:280-281 Jul-Aug '82

Six states take up legislation that would affect military members. AF Times 42:24 Feb 22 '82

Software: A product in pursuit of legal protection. Harrison E. McCandlish and Gary M. Hoffmann. Signal 36:44-48 Jul '82

A tale of three miseries (no medical care for persons falling ill at drill). illus Natl Guard 36:27-29 Jun '82

3 states eye bills to benefit military. AF Times 42:7 Jan 25 '82

A 22-year battle: Federal Tort Claims (Public Law 97-124) finally provided to the Guard. illus Natl Guard 36:18-19 Feb '82

The week in Congress. Regular feature in some issues of Air Force Times

LAWSON, Richard L.

Counter C³--NATO's approach. Gen Richard L. Lawson. illus por J of Elect Def 5:41-44 May '82

LAWYERS

The commander-attorney relationship. Maj Danford F. Carroll and Capt Rita R. Carroll. Infantry 72:27-30 Sep-Oct '82

The ethical charge to counsel. Capt Alan J. Spilker. AF Law Rev 22:101-119 '80/'81

GAO review shows FLEP (Funded Legal Education Program) easing lawyer shortage. Tom Philpott. AF Times 43:4 Oct 11 '82

(MajGen Thomas B.) Bruton: Military justice fairest of all. Sgt David W. Givans. por AF Times 42:50 Apr 19 '82

Malpractice and the military lawyer: The gathering storm. Col Robert G. Douglass. AF Law Rev 22, No. 1:1-19 '80/'81

The propriety of argument by trial defense counsel for bad-conduct discharge. Capt Robert D. Higginbotham. AF Law Rev 22, No. 1: 81-94 '80/'81

LEADERSHIP

See also
Command

Authority (still is a force in our lives). Curtis W. Tarr. AU Rev 33:71-77 May-Jun '82

The battalion commander: Linkpin in battle-field success. Maj Joseph J. Angsten, Jr. illus Mil Rev 62:29-35 Mar '82

Bridging the leadership and management gap. LtCols W. Larry Shelby and Robert H. McKenzie. illus Mil Rev 62:52-59 Jan '82

Building winners for the playing field and the battlefield. Capt Richard G. Priem and Jim Myers. illus Mil Rev 62:38-49 Nov '82

Can-do NCOs--with clout--can help cohesion problem. LtCol W. Darryl Henderson. illus Army 32:18-22 Mar '82

The captain. CDR John L. Byron. US Nav Inst Proc 108:39-45 Sep '82

Combat service support. Capt Douglas E. Lute and MSgt Edmund L. Devereaux III. Armor 91: 42-43 Jul-Aug '82

Competence as an ethical imperative. Lewis Sorley. illus Army 32:42-48 Aug '82

Gunny, put up the flagpole. LtCol Theodore L. Gatchel. illus MarCor Gaz 66:38-43 Feb '82

High morale in combat. LtGen Julian J. Ewell, Ret. illus Mil Rev 62:19-33 Jun '82

How to overcome blind spots. Gen Bruce C. Clarke, Ret. Army Log 14:10-11 Sep-Oct '82

Interpersonal influence and the bases of military leadership. John Allen Williams. Mil Rev 62:56-65 Dec '82

Is centralized command selection the best way? LtCol James L. Estep. Army 32:18-21 Apr '82

The leader as servant. TIG Brief 34:11 Sep 27 '82

LEADERSHIP - Continued

Leadership by example: A key to mission success. TIG Brief 34:5 Jul 9 '82

Leadership forum. Regular feature in some issues of United States Naval Institute Proceedings

Leadership: Ours (U.S.) versus theirs (Soviet Union). LT Thomas A. Parker. illus US Nav Inst Proc 108:142-144 Oct '82

Leadership styles: Different names for the same games? Maj Frederick B. Bower, Jr. Educ J 24:54-57 AY '82/'83

Leadership, tactical proficiency, and military management. MajGen R. C. Schulze, Ret. and Col J. C. Scharfen, Ret. illus MarCor Gaz 66:36-41 Dec '82

Lessons in leadership: The legacy of Kursk (Soviet Union). Capt Ronald J. Brown. Armor 91:49-50 Jul-Aug '82

(MajGen Robert T. Frederick) the war made him, peacetime broke him. Anne Frederick-Hicks. illus por Army 32:48-51+ Sep '82

'Marching orders' for NCOs--keep up with change in '80s. SMA William A. Connelly. illus Army 32:26-30 Oct '82

The military leader--a manager of people. Jerome G. Peppers, Jr. AF J Log 6:25-27 Fall '82

Military leadership: Guideposts for an era of challenge. 1stLt Charles V. Crumb, Ret. illus MarCor Gaz 66:49-54 Jun '82

Officership training: A quest for excellence. Capt Peter U. Sutton. illus Educ J 24:13-19 AY '82/'83

Professional notes. Regular feature in issues of United States Naval Institute Proceedings

Project Warrior launched. Leonard Famiglietti. AF Times 42:1+ Mar 1 '82

Promoting leadership in the Air Force's management environment. Maj Jeffrey C. Benton. AU Rev 33:84-92; Response. Richard I. Lester. 33:93-97 Mar-Apr '82

Selecting leaders. George G. Eddy. tab Infantry 72:31-33 Sep-Oct '82

TRADOC in forefront--guide during period of major transition. Gen Glenn K. Otis. illus Army 32:42-44+ Oct '82

Two for the price of one (or how we doubled the amount of leadership training in the same amount of time). Maj George W. Greer. Educ J 24:45-47 AY '82/'83

The unit: The military member draws strength and confidence from a stable unit. Gen E. C. Meyer. illus por Defense/82, pp 2-9, Feb '82

We must train junior leaders for the brutal reality of war. Col J. O. Langtry. Pac Def Rep 9:41-42 Oct '82

LEADERSHIP - Continued

Where have all the (William "Billy") Mitchells gone? LtCol Timothy E.Kline. AU Rev 33:28-32 May-Jun '82

(William O.) Darby. Martin Blumenson. illus por Army 32:37-39+ Jan '82

The winning combination--(morale/leadership equation). Gen Thomas M.Ryan, Jr. TIG Brief 34:2 May 14 '82

LEADERSHIP AND MANAGEMENT DEVELOPMENT CENTER

Air University hotline. illus AF Compt 16:39 Jan '82

How management consultation is improving Air Force productivity. Sandra S.Rittenhouse and LtCol David A.Wilkerson. illus Def Mgt J 18:9-13 Fourth Quarter '82

LEAF, Howard W.

Minimizing the impact of support taskings. LtGen Howard W.Leaf. TIG Brief 34:2 Jul 9 '82

Motivating and communicating: Some lessons learned. LtGen Howard W.Leaf. TIG Brief 34:2 Jan 8 '82

New fraud, waste, and abuse regulation (AFR 123-2). LtGen Howard W.Leaf. TIG Brief 34:2 Apr 16 '82

1982: The year of the Air Force professional. LtGen Howard W.Leaf. TIG Brief 34:2 Mar 19 '82

Preventing security leaks. LtGen Howard W. Leaf. TIG Brief 34:2 Aug 6 '82

Terrorism awareness: Tips for travelers. LtGen Howard W.Leaf. TIG Brief 34:2 Apr 2 '82

LEAVE, MILITARY

Advance leave (any leave not yet accrued). TIG Brief 34:9-10 Apr 2 '82

Convalescent leave after childbirth. TIG Brief 34:7 Jun 25 '82

Leaves & passes. Soldiers 37:10 Jan '82

Paid travel possible for 'isolated' o'seas. Tom Philpott. AF Times 42:1+ May 3 '82

LEBANON

The air war in Lebanon. Michael C.Dunn. Def & For Aff 10:32 Jul '82

Latest Mideast war underscores Israel's fighting trim. Ze'ev Schiff. illus Armada Intl 6:98+ Jul-Aug '82

The war against eagles (defenses against striking, hostile aircraft). Michael C. Dunn. illus Def & For Aff 10:20-21+ Aug '82

Israeli Invasion, 1982

Middle East map dangerously redrawn. John Christie. Pac Def Rep 9:53-54 Aug '82

LEBANON - ContinuedIsraeli Invasion, 1982 - Cont'd

'Skill and courage': The Marines in Lebanon. L.Edgar Prina. illus Sea Power 25:54-56 Nov '82

Lessons Learned (Military)

Lebanon proved effectiveness of Israeli EW innovations. illus Def Elect 14:41-42+ Oct '82

LEGAL AID

See also
Lawyers

FLITE expands legal research service. TIG Brief 34:20 Mar 5 '82

Legal (assistance). Soldiers 37:36 Jan '82

(MajGen Thomas B.) Bruton: Military justice fairest of all. Sgt David W.Givans. por AF Times 42:50 Apr 19 '82

LEGISLATION see Laws and LegislationLEHMAN, John F., Jr

(John F.) Lehman seeks superiority. illus Intl Def Rev 15, No.5:547-548 '82

The program for a stronger Navy: On course . . . full speed ahead! John Lehman. illus Defense/82, pp 18-24, Oct '82

Reversing the tide: Strengthening our merchant marine. John F.Lehman. Def Mgt J 18:2-5 Third Quarter '82

Secretary (John F.) Lehman outspoken advocate. Interview. illus por Officer 58:19-22 Feb '82

Secretary of the Navy--John F.Lehman, Jr. Rosalyn O.Barry. Interview. por Mil Sci & Tech 2:22-27 '82

Secretary of the Navy--John Lehman. Interview. por Def Sci 2000+ 1:27-30+ May-Jun '82

LEJEUNE, John A.

Lejeune as a midshipman. LtCol Merrill L. Bartlett. illus MarCor Gaz 66:73-79 May '82

LESSONS LEARNED (MILITARY) see as subdivision under specific Wars, e.g.,
Falkland Islands Crisis, 1982--Lessons Learned (Military)
Lebanon--Israeli Invasion, 1982--Lessons Learned (Military)
Vietnamese Conflict, 1957-1975--Lessons Learned (Military)
World War II--Lessons Learned (Military)

LESTER, Richard I.

Promoting leadership in the Air Force's management environment. Maj Jeffrey C. Benton. AU Rev 33:84-92; Response. Richard I.Lester. 33:93-97 Mar-Apr '82

LIABILITY

The discretionary function exception and military hospital administration. John F. McCue, Jr. AF Law Rev 22, No.1:59-80 '80/'81

The hospital incident report: Asset or liability? Capt Robert N.Spencer. AF Law Rev 22:148-167 '80/'81

Laws and Regulations

High court: Can members sue superiors? Tom Philpott. AF Times 43:2 Nov 15 '82

LIAISON

The field artillery liaison officer. Maj William S.Armstrong. illus Fld Arty J 50:39-41 Jul-Aug '82

LIBRARIESAir Force

Project Warrior. TIG Brief 34:3 Oct 11 '82

Defense Dept

One of DOD's best kept secrets--the Defense Logistics Studies Information Exchange (DLSIE). Frederick A.Hamden. Log Spectrum 15:5-8 Winter '81

LIBYAPolitics and Government

The preservation of power and how four Middle Eastern leaders have done it. Michael C.Dunn. illus Def & For Aff 10:45-46+ Apr '82

LIBYAN INCIDENT, 1981

The Gulf of Sidra incident: A legal perspective. CDR Dennis R.Neutze. illus map US Nav Inst Proc 108:26-31 Jan '82

LIDDELL HART, Basil H.

Outsiders' influence on defence policy. Brian Bond and Lawrence Freedman. RUSI J for Def Studies pt 1, 127:10-18 Mar '82; pt 2, 127:3-11 Jun '82

LIE DETECTORS

Two in DOD back use of lie detectors. Paul Smith. AF Times 43:4 Dec 27 '82

LIFE AND DEATH

How do you tell a child daddy died? Barbara Burtoff. AF Times 42:47-48 Mar 15 '82

Suicide in the Air Force. TIG Brief 34:21 Sep 27 '82

Suicide, 3d largest killer in Air Force, claims 45 so far in '82. Leonard Famiglietti. AF Times 43:3 Oct 18 '82

LIFE CYCLE COSTING see Cost EffectivenessLIFE INSURANCE see Insurance, LifeLIGHT AIRBORNE MULTI-PURPOSE SYSTEM see Helicopter Type--SH-2; SH-60LIGHTERS see BargesLIGHTINGSee also

Airplanes, Military--Lighting

Equipment

Night vision market grows as systems approach production. illus tab Def Elect 14:105-107 Nov '82

LIGHTNING

Aircraft lightning strikes--an unavoidable phenomena? Maj James E.Ellis. illus tabs Flying Safety 38:16-18 Jan '82

Lightning strike. Capt Robert N.Hess. Combat Crew 32:6-7 Mar '82

Lightning time again. Maj K.P.Smith. illus tab Flying Safety 38:18-19 May '82

LIMITED WAR

A realistic conventional deterrent. Daniel K. Malone. illus Natl Def 67:51-53 Jul-Aug '82

Vietnam and the American theory of limited war. Stephen Peter Rosen. Intl Sec 7:83-113 Fall '82

LINDBERGH, Charles A.

Charles Lindbergh: A closer look. Frank J. Delear. illus Am Avn Hist Soc J 26:304-310 Winter '81

Portrait of a hero. H.R.Kaplan. illus Sergeants 20:20-23 Mar '82

LIPPOLD, Herbert R., Jr

Time and tide . . . RADM H.R.Lippold, Jr. por illus chart Mil Engr 74:28-31 Jan-Feb '82

LISTENING

Increase in jammed word intelligibility due to training of listeners. C.W.Nixon and others. illus tab Aviation, Space & Envmnt Med 53:239-244 Mar '82

LOADING AND UNLOADING

Load planning, rapid mobilization and the computer. Capt Walter F.Huebner. illus AF J Log 6:22-24 Winter '82

Standardization of combat vehicle load plans. illus Air Def Mag, pp 23-25, Apr-Jun '82

Transportable railway loading ramp for fighting vehicles. Hasso Erb. illus Armada Intl 6:104+ Mar-Apr '82

LOADING AND UNLOADING - ContinuedStudy and Teaching

Mountain stevedores. Maj Otto W. Jessen. illus
Translog 13:10-12 Mar '82

LOANS, PERSONAL

Defense takes actions to reduce bankruptcies.
Laurie Parker. AF Times 42:2 Jan 25 '82

Overdue student debts--many may have pay
withheld. Paul Smith. AF Times 43:1+ Dec 20
'82

LOGISTICS

See also
Integrated Logistic Support
Movement Control
Transportation, Military
also subdivision under specific wars,
e.g.,
Vietnamese Conflict, 1957-1975--Logistics
World War II--Logistics

History

Alexander the Great--master logistician.
Donald Engels. Excerpted from Alexander
the Great and the Logistics of the Macedo-
nian Army. map illus Army Log 14:26-28
Nov-Dec '82

Air Force--U.S.

Career and personnel information. Regular
feature in issues of Air Force Journal of
Logistics

The challenge for logisticians--the future.
LtCol Marvin L. Davis. illus AF J Log 6:3-6
Summer '82

Combat distribution teams: AFLC's elite re-
sponse force. TIG Brief 34:5-6 Mar 5 '82

The coming revolution in avionic logistics.
Gordon R. England and J. Kirston Henderson.
illus AF J Log 6:29-31 Summer '82

Computer graphics in logistics management.
Maj Samuel B. Graves. illus AF J Log 6:9-14+
Summer '82

Interim contractor support use for low quan-
tity programs. TIG Brief 34:9 Jun 25 '82

LOGMARS (Logistics Applications of Automated
Marking and Reading Symbols)--"an advanced
technology comes of age." LtCol John E.
Gould. illus AF J Log 6:16-19 Fall '82

The lessons learned field trip program. TIG
Brief 34:3-4 Apr 2 '82

Logistics and advanced technology. Gary H.
Lunsford and others. AF J Log 6:32-35
Summer '82

Logistics information "management support"
system. Col Robert E. Frank and Capt James
P. Totsch. AF J Log 6:5-6 Fall '82

LOGISTICS - ContinuedAir Force--U.S. - Cont'd

Logistics Warrior. Regular feature in issues
of Air Force Journal of Logistics beginning
with Summer 1982

The professional designation in logistics
management. Warren S. Barnes. tabs Log
Spectrum 16:17-19 Fall '82

Taken for granted (the general scope and rel-
ative success of the logistics job). MajGen
Theodore D. Broadwater. tab AF J Log 6:2-4
Spring '82

Armed Forces

The Central Europe pipeline system. BrigGen
Claude M. Kicklighter. illus por NATO's
Fifteen Nations Special Issue No.2:84+ '81

Getting there (high cost of logistics deter-
mines strategic projection in the future
planning of any state). Thomas Glakas.
illus Def & For Aff 9, No.14:23-26 '81

United States (and NATO's commitment to
deter Warsaw Pact aggression in Europe).
Gen David C. Jones. illus por NATO's
Fifteen Nations Special Issue No.2:70+ '81

Wheels within wheels (increasingly vital
logistics machine). Jacquelyn S. Porth.
illus Def & For Aff 10:13-15+ May '82

Armed Forces--Canada

Canada (committed to the defence of the NATO
area). Gen Ramsey M. Withers. illus NATO's
Fifteen Nations Special Issue No.2:48-50 '81

Armed Forces--N A T O

Innovations to support our NATO commitment.
Lawrence J. Korb. illus Defense/82, pp 2-7,
Nov '82

NATO logistics support: Process and perspec-
tive. Maj Jeffrey W. Cook. AF Law Rev 22,
No.3:282-301 '81/'82

Reinforcements and prepositioning. BrigGen
Walter W. Kastenmayer. illus NATO's Fifteen
Nations 27:38+ Oct-Nov '82

Armed Forces--Netherlands

The Netherlands (gateway to Europe). Gen
C. De Jager. NATO's Fifteen Nations Special
Issue No.2:62+ '81

Armed Forces--Soviet Union

The Soviet logistic system: Atlas or Achilles
heel of the Soviet armed forces. SqLdr
C. J. Rowe. Log Spectrum 15:36-39 Winter '81

Soviet military build-up and organisation.
(Extracted from Soviet Military Power by
U.S. Defense Dept) illus maps tabs Asian
Def J No.3:40-45+ Mar '82

Armed Forces--U.S.

(Armed Forces materials support). charts
Natl Def 66:35-51 Jan '82

LOGISTICS - ContinuedArmed Forces--U.S. - Cont'd

Attacking logistics problems through acquisition reform. Richard D. Webster. illus tab Def Mgt J 18:2-8 Fourth Quarter '82

The Defense Logistics Agency: Provisioning diversified support to the military. VADM Eugene A. Grinstead. Log Spectrum 16:11-14 Winter '82

Directions in research and development for logistics. George A. Mohr. AF J Log 6:37-39 Summer '82

How logistics systems behave. RADM Henry E. Eccles, Ret. Address, SOLE 11th Annual Symposium, Valley Forge, PA, 17 Aug 1976. Log Spectrum 16:31-34 Summer '82

Joint Chiefs of Staff. LtGen Oren E. DeHaven. charts illus por Def Trans J 38:17-20 Feb '82

Logistics research and development. Lawrence J. Korb. Excerpt from speech, Logistic Research and Development Symposium, Arlington, VA, Mar 31, 1982. Log Spectrum 16:35-37 Fall '82

Logistics support and readiness: The eclectic approach. T.G. Higgins. illus Mil Sci & Tech 2, No.1:42-47+ '82

Logistics support of Bright Star '82. LtCol Carl N. Price. illus Army Log 14:2-6 Jul-Aug '82

Military logistics . . . toward improved effectiveness. Col Fred Gluck, Ret. Log Spectrum 16:30-35 Winter '82

The necessity for understanding military logistics. Fred Gluck. illus Log Spectrum 16:13-17 Spring '82

Nuclear stockpile management (Defense Nuclear Agency's role). Col Richard A. Stephans, Ret and LCDR Mahlon E. Register. illus Army Log 14:2-5 May-Jun '82

Software logistics: A sleeping giant. Paul J. McIlvaine. illus Concepts 5:155-161 Autumn '82

Army

General (S.L.A.) Marshall on logistics. Army Log 14:49 Jan-Feb '82

Army--U.S.

Air assault division logistics. Col Albert B. Luster. illus Army Log 14:2-6 Sep-Oct '82

Cavalry gets logisticians. Capt Charles S. Fulmore. tab Army Log 14:17-19 Jan-Feb '82

Combat service support in the desert. Maj Edward L. Wiehe. illus Army Log 14:2-6 Mar-Apr '82

A commander's introduction to property accountability. Maj Thomas E. Skrodzki. Army Log 14:30-32 Jan-Feb '82

LOGISTICS - ContinuedArmy--U.S. - Cont'd

Deputy Chief of Staff for Logistics, United States Army. White Paper 1982--Logistics Directions for the 1980's. LtGen Richard H. Thompson. Def Trans J 38:35-36+ Oct '82

'Desert Horse' logistics. Maj John M. Taylor and Col Eddie B. Ladd. illus Army Log 14:8-11 Mar-Apr '82

Division '86--armored combat logistics vehicles. Capt Merle D. Russ. illus Army Log 14:24-27 Jan-Feb '82

Gallant Eagle 82--total Army logistics. tab Log Spectrum 16:30-32 Fall '82

How sharp the teeth if tail won't thrash? Roy A. Werner. illus tab Army 32:30-34 Feb '82

Investigating logistics crimes. Capt Renee L. O'Brien. tab Army Log 14:32-34 Nov-Dec '82

Logistics makes Reforger possible. illus Army Log 14:28-29 Jan-Feb '82

Logistics posture of the Army. Army Log 14:8-11 Jul-Aug '82

Logistics raid. Maj Randall L. Rigby. illus Fld Arty J 50:50-53 Mar-Apr '82

Logistics wargaming. Capt Kimberley T. Smith. illus Army Log 14:36-38 Jan-Feb '82

A mission of the USA DARCOM Logistic Control Activity is--unclogging the supply pipeline. Army Log 14:7-9 Sep-Oct '82

Money, machines, and miles: Redressing POMCUS (Pre-positioned Overseas Material Configured in Unit Sets) deficiencies. Capt John L. Clarke. tab illus Armed Forces J Intl 120:81+ Nov '82

Spanning the logistics gulf--DARCOM--Europe. BrigGen Lynn H. Stevens. Army Log 14:19-21 Nov-Dec '82

Stress in logistics--will you become a casualty? Capt Clyde W. Smith. tab Army Log 14:12-16 Jul-Aug '82

'Support forward'--when and if the budget permits. Eric C. Ludvigsen. illus Army 32:34-37+ May '82

Systematizing quality assurance. Victor K. Evans. illus Army Log 14:33-35 May-Jun '82

What the LIF (Logistics Intelligence File) can do for you. illus Army Log 14:13-15 Nov-Dec '82

History

Pershing's logistical nightmare. F. Maitland Cuthbertson. illus map Armor 91:31-34 Sep-Oct '82

The role of logistics in the Confederate defeat. David B. Sabine. Army Log 14:12-16 Jan-Feb '82

LOGISTICS - ContinuedArmy--U.S. - Cont'dStudy and Teaching

Precommand courses for logisticians. LtCol Paul H. Fournia. illus Army Log 14:9-11 Jan-Feb '82

Training logistics units successfully. LtCol Cary D. Allen. Army Log 14:16-18 Nov-Dec '82

Marine Corps--U.S.

Logistic support for mechanized units. Capt William N. Saunders. illus MarCor Gaz 66: 26-28 Dec '82

National Guard--Army

The Guard's combat success depends on logistics. Col James G. McKnight. illus Natl Guard 36:24-27 Aug '82

Navy--Soviet Union

The Soviet Navy--supporting its oversea deployment. G. Jacobs. maps tabs illus Asian Def J No. 2:40-44+ Feb '82

Navy--U.S.History

Fuel and the battle fleet: Coal, oil, and American naval strategy, 1898-1925. John H. Maurer. Nav War Col Rev 34:60-77 Nov-Dec '81

United States

Computer modeling spur to logistics budget. John Ginovsky. AF Times 42:22 Mar 1 '82

Future directions in business logistics education. James B. Wiley and James Low. Log Spectrum 16:9-12 Spring '82

ILS (Integrated Logistics Support), PD (Physical Distribution), MM (Materials Management): What can we learn from each other. Joseph L. Cavinato and others. illus Log Spectrum 16:5-9 Winter '82

Logistics and nuclear weapons. RADM Henry E. Eccles, Ret. Log Spectrum 16:37-38 Summer '82

Logistics--what is it? RADM Henry E. Eccles, Ret. Reprinted from U.S. Naval Institute Proceedings, 1953. Log Spectrum 16:10-16 Summer '82

The need for an integrated logistics discipline. Richard A. Lancioni and William Dempsey. Log Spectrum 16:5-7 Spring '82

Notes on war potential. RADM Henry E. Eccles, Ret. Log Spectrum 16:17-18 Summer '82

"The now of logistics technology." Clyde Skeen. Log Spectrum 15:40-44 Winter '81

Productivity enhancement in a headquarters logistics organization. Maj Russell F. Lloyd and Capt John D. Fiorini. AF J Log 6:21-24 Fall '82

LOGISTICS - ContinuedUnited States - Cont'd

Space colonization--logistics dependent. Log Spectrum 16:7 Fall '82

Sparing to availability. Nancy L. Orndorff. tabs illus Log Spectrum 16:30-34 Spring '82

Strategy flexibility and logistics. RADM Henry E. Eccles, Ret. Paper, Institute of the Aerospace Sciences Navy National Aviation Meeting, San Diego, CA, 22 Aug 1961. Log Spectrum 16:19-23 Summer '82

History

Forgotten hero of the Confederacy (BrigGen Josiah Gorgas). M. L. Brown. illus por Natl Def 66:52-58 Jan '82

Logistics problems of the Cuban Campaign (of 1898). Capt Dale M. Rhodes. illus Army Log 14:28-32 May-Jun '82

Study and Teaching

Future directions in business logistics education. James B. Wiley and James Low. Log Spectrum 16:9-12 Spring '82

Graduate logistics education requirements--an individual perspective. Benjamin S. Blanchard. illus Log Spectrum 15:9-13 Winter '81

The ILS lessons learned program. Richard A. Stillman. illus Translog 13:13-14 Jan '82

The need for an integrated logistics discipline. Richard A. Lancioni and William Dempsey. Log Spectrum 16:5-7 Spring '82

One of DOD's best kept secrets--the Defense Logistics Studies Information Exchange (DLSIE). Frederick A. Hamden. Log Spectrum 15:5-8 Winter '81

LONG, Robert L.

Even greater uncertainty and danger ahead. ADM Robert L. J. Long. Pac Def Rep 8:49-50+ May '82

LONG RANGE NAVIGATION see LoranLORAN

Electronic navigation aids. Chris Heath. Pac Def Rep 8:55-56+ Jun '82

LOUGHLIN, Charles E.

As I recall "damned if I did; damned if I didn't." RADM C. Elliott Loughlin, Ret. US Nav Inst Proc 108:49-50 Aug '82

LOW-ALTITUDE FLYING see Flight, Low-AltitudeLUBRICATION AND LUBRICANTS

Improved oil analysis. SMSgt Edward R. Stembler. illus Army Log 14:12-13 Mar-Apr '82

LUCAS, Robert S.

Coast Guard engineering: Productivity challenges. RADM R.S.Lucas. chart illus tabs por Mil Engr 74:24-27 Jan-Feb '82

LYNCH, George C.

Air Force Commissary Service. illus por AF Mag 65:121-122 May '82

Commissaries serve the families. LtCol Jules E.Dubois. tabs illus AF Mag 65:40-43 Aug '82

LYNCH, George C. - Continued

Minding your money. SSgt Craig Pugh. illus Airman 26:22-27 Jul '82

LYNDON B. JOHNSON SPACE CENTER

Space pioneers. Capt Albert V. Chapman III. illus AF Mag 65:60-64 Jun '82

M A C see Military Airlift Command

M A R S see Military Affiliate Radio System

M E R A D C O M see Army Mobility Equipment Research and Development Command

M I C O M see Missile Command

M I L P E R C E N see Army Military Personnel Center

M L S see Microwave Landing Systems

M S C see Military Sealift Command

M T M C see Military Traffic Management Command

MacARTHUR, Douglas

The Inchon landing: How great was the risk?
Maj Bruce R. Pirnie. illus maps Jt Persp
3:86-97 Summer '82

McCARTHY, Robert F.

Air Force Communications Command. illus chart
por AF Mag 65:84-85 May '82

McCARTNEY, Keith D.

Productivity, readiness, and you. MajGen
Keith D. McCartney. TIG Brief 34:2 Jun 25
'82

McCAUSLAND, Charles

Rank structure and use of formal military
titles. MajGen Charles McCausland. TIG
Brief 34:2 Oct 11 '82

MACHINE GUNS

Automatic weapons for aircraft. Roy Bray-
brook. illus Pac Def Rep 9:58-60 Aug '82

FN's M2-HQCB machine-gun: A new lease of
life for the .50 in Browning. Jacques
Lenaerts. illus tab Intl Def Rev 15,
No.10:1425-1427 '82

MacISAAC, David

Eisenhower: A reputation in transition.
David MacIsaac. Review essay. AU Rev 33:
86-90 Sep-Oct '82

MACKMULL, Jack V.

Army aviation systems program review '82.
MajGen Carl H. McNair, Jr and Capt Josef
Reinsprecht. illus por USA Avn Dig pt 1,
28:38-44 Jun '82; pt 2, Concepts, doctrine
and tactics panel. 28:8-13 Jul '82; pt 3,
Organization and force structure panel.
28:36-39 Sep '82; pt 4, The training panel.
28:2-8 Oct '82; pt 5, The materiel panel.
28:9-13 Oct '82

MacLAREN, William G., Jr

NATO--the status of C : NATO C --a look at
the 80s. MajGen William G. MacLaren, Jr.
Signal 37:24+ Dec '82

McNAIR, Carl H., Jr

Army aviation systems program review '82.
MajGen Carl H. McNair, Jr and Capt Josef
Reinsprecht. illus por USA Avn Dig pt 1,
28:38-44 Jun '82; pt 2, Concepts, doctrine
and tactics panel. 28:8-13 Jul '82; pt 3,
Organization and force structure panel.
28:36-39 Sep '82; pt 4, The training panel.
28:2-8 Oct '82; pt 5, The materiel panel.
28:9-13 Oct '82

"Should we go to war again, God forbid, I
would probably prefer to be in a helicopter
than a . . . tank." Interview. MajGen Carl
H. McNair, Jr. tab illus por Armed Forces J
Intl 119:48-50+ May '82

MAGNESIUM see Metals

MAHAN, Alfred T.

The historical elements of Mahanian doctrine.
Thomas R. Pollock. Nav War Col Rev 35:44-49
Jul-Aug '82

MAINTENANCE AND REPAIR

See also
Aircraft Maintenance
Missile Maintenance
also subdivision Maintenance and Repair
under specific subjects

Base-level use of exception repair cycle time
procedures. TIG Brief 34:6 Jun 11 '82

Blueprint for a 4.0 overhaul. LT Andrew Mag-
gard, Ret. illus US Nav Inst Proc 108:56-
59 Dec '82

Care of support equipment. TIG Brief 34:7
Apr 30 '82

Deadly comparisons (identifies units with
good maintenance management programs and
those that need command attention). LtCol
Kenny W. Whitley. tabs Army Log 14:35-37
Nov-Dec '82

Digital test onsite: A growing concern.
Dennis H. Chesney. illus Log Spectrum 15:
20-24 Winter '81

Division level data entry device. Graham H.
Seibert. illus Army Log 14:17-19 May-Jun

Facilities to support our people. Maj Donald
R. Barrett. tabs AF Engrg & Svcs Qtr 23:
26-28 Summer '82

The finishing touch. Harry R. Marien. illus
AF Engrg & Svcs Qtr 23:10-11 Summer '82

Fixing forward needs fixing. Douglas J.
Hackenbruch. illus Army Log 14:29-31 Nov-
Dec '82

The forward support maintenance concept.
LtCol Paul G. Bowers and Maj Herbert Guidry.
illus Mil Rev 62:11-17 May '82

Getting a face-lift. Capt Elton Strange.
illus AF Engrg & Svcs Qtr 23:12-15 Summer
'82

Logistics wargaming. Capt Kimberley T. Smith.
illus Army Log 14:36-38 Jan-Feb '82

MAINTENANCE AND REPAIR - Continued

MUST (Modernization and Upgrade of Structures for Tomorrow) . . . a plan for renewal (at U.S. Air Force Academy). Lt Jerry P. Haenisch. AF Engrg & Svcs Qtr 23:4+ Summer '82

Maintaining top cover for America (throughout Alaska). Capt Patrick M. Coullahan. illus AF Engrg & Svcs Qtr 22:40-43 Winter '81/'82

Maintenance means sustainability. Maj Gary L. LaGrange. illus Army Log 14:10-11 May-Jun '82

Management systems for field service improvement. Donald F. Blumberg. illus tabs Log Spectrum 16:35-42 Spring '82

NTPS (Near Term Prepositioning Ships) equipment maintenance. illus MarCor Gaz 66: 59-61 Jul '82

On track with rail Reservists. Capt Don Zimmer. illus Translog 13:8-9 Jan '82

PAVER: The pavement maintenance management system. M.Y. Shahin. illus tabs Mil Engr 74:151-155 Apr '82

Pavement recycling technology. E.R. Brown. illus Mil Engr 74:156-159 Apr '82

Polyurethane foam for roofs--saving costs and energy. Costas J. Logothetis. illus tabs Mil Engr 74:366-370 Sep-Oct '82

A quarter century of Air Force maintenance. James R. McCarthy. illus Aerosp Hist 29:48-55 Mar '82

Reliability Centered Maintenance (RCM) decision logic. Richard F. Gordon. illus Log Spectrum 16:26-29 Spring '82

Remote diagnostics in improving field service productivity. Donald F. Blumberg. illus tab Log Spectrum 16:38-48 Winter '82

Reserve components maintenance structure. Maj James M. Dickson, Jr. Army Log 14:34-35 Jan-Feb '82

Servicing and repair of military vehicles. S. Oper. illus tabs Armada Intl (Special Issue II) 6:18-21+ Sep-Oct '82

Special-purpose/base-maintenance short-term vehicle leases. TIG Brief 34:10 Feb 19 '82

Sunrise at the Springs. H. Perry Sullivan. Interview. illus por AF Engrg & Svcs Qtr 23:4-9 Summer '82

TAMMS (The Army's Maintenance Management System) let's work smarter. Capt Joseph B. Wisman. Infantry 72:14-16 Jan-Feb '82

Technical support of a turning detachment. Col N. Shevchenko. Soviet Mil Rev No. 9:37-38 Sep '82

Technical support of an advanced detachment. Col R. Dmitriyev. illus Soviet Mil Rev No. 10:42-43 Oct '82

MAINTENANCE MANAGEMENT see Maintenance and RepairMALAYSIA

The Lumut naval base--the RMN (Royal Malayan Navy) in the eighties. illus Asian Def J No. 8:44-46+ Aug '82

Malaysia's armed forces: Better fire power, conventional strategy. tab illus Asian Def J No. 4:18-21 '82

Taking stock of nation's defence. (Interview with Malaysia's Deputy Defence Minister, Abang Abu Bakar) Zara Dian and Thana Sabaratnam. illus Asian Def J No. 4:13-17 '82

MALONEY, James P.

Army aviation systems program review '82. MajGen Carl H. McNair, Jr and Capt Josef Reinsprecht. illus por USA Avn Dig pt 1, 28:38-44 Jun '82; pt 2, Concepts, doctrine and tactics panel. 28:8-13 Jul '82; pt 3, Organization and force structure panel. 28:36-39 Sep '82; pt 4, The training panel. 28:2-8 Oct '82; pt 5, The materiel panel. 28:9-13 Oct '82

MANAGEMENTSee also

Configuration Management
Personnel Administration
Production Management

Developing a management philosophy. Jules J. Bellaschi. Concepts 5:91-97 Winter '82

Japan and the United States--a comparison of management styles. Allan D. Kissam. illus tabs Mil Engr 74:360-365 Sep-Oct '82

Managing professional engineers. Rich Johnson. Mil Engr 74:431-432 Nov-Dec '82

Organizational goals. TIG Brief 34:18 Nov 29 '82

Our management heritage for the '80s. Richard F. Gordon. Concepts 5:7-13 Spring '82

Successful planning in six difficult steps. TIG Brief 34:17 Nov 29 '82

MANAGEMENT, MILITARYSee also

Configuration Management
Resource Management
Single Manager System
Supply Management
Weapon Systems Management

AFMCO (Army Force Modernization Coordination Office)--where it all comes together. MajGen Vincent E. Falter. illus tab Army 32:182-185 Oct '82

Air Force Comptroller Management Engineering Team. Regular feature in issues of Air Force Comptroller

The application of organization development techniques. LCDR Eric Sorensen. illus Armed Forces Compt 27:28-31 Winter '82

MANAGEMENT, MILITARY - Continued

Bridging the leadership and management gap. LtCols W.Larry Shelby and Robert H.Mc-Kenzie. illus Mil Rev 62:52-59 Jan '82

Can the Secretary of Defense make a difference? Laurence E.Lynn, Jr and Richard I. Smith. Intl Sec 7:45-69 Summer '82

Chain of command. Dandridge M.Malone. Infantry 72:13-15 May-Jun '82

Controlling Murphy: How to budget for program risk. LtCol John D.Edgar. illus tabs Concepts 5:60-73 Summer '82

Effective self-inspection. TIG Brief 34:4 Apr 30 '82

Essential alternative care controls. TIG Brief 34:16 Aug 6 '82

Establishing goals in veterinary public health. TIG Brief 34:9-10 Jan 8 '82

The Integrated Logistics Support Management Team (ILSMT): How effective can it be? TIG Brief 34:7 Apr 2 '82

Leadership, tactical proficiency, and military management. MajGen R.C.Schulze, Ret. and Col J.C.Scharfen, Ret. illus MarCor Gaz 66:36-41 Dec '82

The lessons learned field trip program. TIG Brief 34:3-4 Apr 2 '82

The life cycle of knowledge. TIG Brief 34:15 Nov 29 '82

Making command selection work before and after command. Col David E.K.Cooper and LtCol Gilbert M.F.Brauch, Jr. Mil Rev 62: 67-71 Sep '82

Management of change. Capt M.Eckhart, Jr. Ret. illus US Nav Inst Proc 108:50-56 Jul '82

Management of nuclear airlift mission support. TIG Brief 34:3-4 Jun 11 '82

Management tool for aerospace physiology instructors. TIG Brief 34:16 Sep 13 '82

Managing a data processing installation budget. Maj Robert W.Drain. tabs Armed Forces Compt 27:34-37 Fall '82

Managing your unit. Capt Michael E.Doherty. Air Def Mag, pp 16-17, Oct-Dec '81

Minimizing the impact of support taskings. LtGen Howard W.Leaf. TIG Brief 34:2 Jul 9 '82

PEB (Propulsion Examining Boards): Is it working? CAPT Abe Greenberg, Ret and LCDR Russell M.Blauvelt. illus US Nav Inst Proc 108:34-40 Feb '82

Patient affairs management. TIG Brief 34:19 Apr 2 '82

Productivity, readiness, and you. MajGen Keith D.McCartney. TIG Brief 34:2 Jun 25 '82

MANAGEMENT, MILITARY - Continued

Promoting leadership in the Air Force's management environment. Maj Jeffrey C. Benton. AU Rev 33:84-92; Response. Richard I.Lester. 33:93-97 Mar-Apr '82

The proposed Military Transportation Command: Increased readiness & efficiency. Frank C. Carlucci. illus Defense/82, pp 12-17, Oct '82

Quality assurance and risk management. BrigGen Gerald W.Parker. TIG Brief 34:2 Apr 30 '82

The Reagan defense program: Can it hold up? Herschel Kanter. illus tabs Strat Rev 10: 19-34 Spring '82

Special Experience Identifiers (SEIs) for airspace managers. TIG Brief 34:15 Apr 30 '82

Surviving the management muddle. LtCol W.R. Smith. illus MarCor Gaz 66:42-45 Dec '82

TAMMS (The Army's Maintenance Management System) let's work smarter. Capt Joseph B. Wismann. Infantry 72:14-16 Jan-Feb '82

Validating 'report of patient' workload. TIG Brief 34:16 Dec 20 '82

"Very grave suspicion." (Operational analysis) J.P.Wood. RUSI J for Def Studies 127:54-58 Mar '82

The Weinberger-Carlucci initiatives: How are we doing? Vince Puritano. tabs Defense/82, pp 2-11, Jun '82

Why the "ilities" in C³ are "survive" and "interoperate." Govt Exec 14:12+ Jun '82

MANAGEMENT ANALYSIS

Directorate of Cost & Management Analysis. Regular feature in issues of Air Force Comptroller

Management analysis needs analysing. Sandra Popham. Armed Forces Compt 27:30-32 Spring '82

Quality, productivity are the real targets. Geary Rummier and Alan Brache. illus Govt Exec 14:24-26 Jan '82

MANAGEMENT IMPROVEMENT

See also

Automation	Output Measurement
Cost Effectiveness	Resource Management
Efficiency	

(AFCEA) keynote luncheon address. Cong Robert H.Mollohan. illus Signal 36:15-18 Aug '82

Air Force initiates integrity and management improvement program. Russell D.Hale. illus AF Compt 16:14-16 Jul '82

Are you a facade manager? LtCol C.H.Melby. AF Compt 16:36-37 Jan '82

Automating wing and squadron level technical order distribution control. Gerard F.King. illus Log Spectrum 15:32-35 Winter '81

MANAGEMENT IMPROVEMENT - Continued

Class III management--a many-faceted problem. LtCol Thomas H. Fletcher. Army Log 14:36-37 Jul-Aug '82

Common sense management. Edward R. Toth, Jr. illus Natl Def 67:47-50+ Sep '82

The defense industrial base: A policy approach. Antonia Handler Chayes. Def Mgt J 18:40-46 First Quarter '82

Electronic scanning: The potential for management information. Eugene E. Gerke. tab Interservice 2:39-46 Spring '82

Eliminating fuzzies--(goal analysis). C.E. Garrison. illus Armed Forces Compt 27: 16-17 Winter '82

Establishing goals in veterinary public health. TIG Brief 34:9-10 Jan 8 '82

How management consultation is improving Air Force productivity. Sandra S. Rittenhouse and LtCol David A. Wilkerson. illus Def Mgt J 18:9-13 Fourth Quarter '82

Implementation of the design-to-cost process. Michael R. Izzi. tabs illus Log Spectrum 16: 18-25 Spring '82

Improving the management of the Defense Department. Vince Puritano. tabs Armed Forces Compt 27:12-18 Spring '82

Is your office effective? TIG Brief 34:13-14 Dec 20 '82

LOGMARS (Logistics Applications of Automated Marking and Reading Symbols)--"an advanced technology comes of age." LtCol John E. Gould. illus AF J Log 6:16-19 Fall '82

Management support service contracts: Clear potential for fraud. TIG Brief 34:4 Nov 15 '82

Managing better American productivity. Warde F. Wheaton. illus Natl Def 66:38-40 Feb '82

Managing funds for modernization. LtGen Ernest D. Peixotto. tab illus Army 32: 120-123+ Oct '82

NAVSEA (Naval SEA Systems Command): Management development pays off. John Walker Hartigan. Govt Exec 14:56-57 Mar-Apr '82

The necessity for understanding military logistics. Fred Gluck. illus Log Spectrum 16:13-17 Spring '82

New initiatives in defense acquisition. John Smith. illus Signal 36:55-57 Aug '82

A new look at an old remedy: Multiyear contracts and defense procurement. Gen Alton D. Slay. tab Def Mgt J 18:20-25 First Quarter '82

New strategies evolving at the Navy and Marine Corps exchange systems. Isadore Barmash. tab Interservice 2:42-47+ Winter '82

MANAGEMENT IMPROVEMENT - Continued

Now is the time to use MBO. Maj B.E. Braswell. Armed Forces Compt 27:15-19+ Summer '82

(OMB Circular) A-76: Moratorium or requiem? George A. Daoust, Jr. Govt Exec 14:34-35 May '82

Overseeing on-site productivity. Louis E. Alfeld. illus tab Mil Engr 74:346-349 Sep-Oct '82

P³I--Pre-Planned Product Improvement. MajGen Donald M. Babers. illus Signal 36:11-12+ Jul '82

Professional accountability: The coming bottom line in federal procurement policy. Don Sowle. illus Govt Exec pt 1, 13:30-33 Dec '81; pt 2. Obtaining effective competition in Federal buys. 14:42+ Mar-Apr '82; pt 3, Reagan's marching order: Reform the system now. 14:24-25+ May '82

Prospects good for a great leap forward in Army finance and accounting. John Cooley and Clyde Jeffcoat. illus Armed Forces Compt 27:44-46 Winter '82

The Reagan defense program: Can it hold up? Herschel Kanter. illus tabs Strat Rev 10: 19-34 Spring '82

Refining management techniques--a commitment to progress. Marc S. Caspe. illus tabs Mil Engr 74:354-359 Sep-Oct '82

Reliability Centered Maintenance (RCM) decision logic. Richard F. Gordon. illus Log Spectrum 16:26-29 Spring '82

Revitalizing defense industries: The DOD-industry partnership. LtGen James W. Stansberry. Def Mgt J 18:2-6 First Quarter '82

Running the budget through its PACES: An O & M, N budget execution model for field activities. LCDR James L. Parham and CDR R.A. Bobulinski. tabs Armed Forces Compt 27:14-17+ Fall '82

Strategic management--a concept whose time has come. RADM Rowland G. Freeman III, Ret. tab illus Log Spectrum 16:8-16 Fall '82

Surviving the management muddle. LtCol W.R. Smith. illus MarCor Gaz 66:42-45 Dec '82

Why some agencies are setting up "quality circles." Zona Burke. Govt Exec 14:32-33 Jan '82

MANAGEMENT INFORMATION SYSTEMS

Air Force Logistics Command--bullish on data communications. Thomas L. Brown. illus maps Signal 36:49-54 Feb '82

Computer graphics in logistics management. Maj Samuel B. Graves. illus AF J Log 6:9-14+ Summer '82

Division level data entry device. Graham H. Seibert. illus Army Log 14:17-19 May-Jun '82

MANAGEMENT INFORMATION SYSTEMS - Continued

Defense computers and software--what's ahead for AI (Artificial Intelligence)? Earl C. Joseph. Concepts 5:141-147 Autumn '82

EPA automates R&D management on a budget responsive basis. Govt Exec 14:58 Mar-Apr '82

The environmental technical information system. Ronald D. Webster. tabs Mil Engr 74: 174-177 Apr '82

Information processing--visions of the future (use of computers in the information age). James L. Bispo and others. illus Signal 36: 13-14+ Feb '82

Integrated maintenance information system: An imaginary preview. Robert C. Johnson. AF J Log 6:15-17 Summer '82

Logistics information "management support" system. Col Robert E. Frank and Capt James P. Totsch. AF J Log 6:5-6 Fall '82

Managing a data processing installation budget. Maj Robert W. Drain. tabs Armed Forces Compt 27:34-37 Fall '82

Managing the space shuttle's paperwork. illus Govt Exec 14:42-45 Nov-Dec '82

Munitions Material Handling Equipment (MMHE). TIG Brief 34:9 Jul 9 '82

PAVER: The pavement maintenance management system. M.Y. Shahin. illus tabs Mil Engr 74:151-155 Apr '82

The paper maze. Roderick M. Bricksin. Armed Forces Compt 27:18-20 Fall '82

MANEUVERS

See also
Combined Operations
Joint Operations
War Games
also specific exercises and/or operations by name

Air Force--U.S.

Exercises. Regular feature in some issues of Air Force Times

Armed Forces--Australia

Exercise Kangaroo 81. Brig P.J. Greville. map illus Pac Def Rep 8:10+ Dec '81/Jan '82

Armed Forces--Soviet Union

Helicopters--the Soviet view. CW4 Richard A. Davis. illus tabs USA Avn Dig 28:36-42 Jan '82

Army--U.S.

The artillery position directory--moving fast to mass. Col Bruce P. Holmburg. Fld Arty J 50:10-11 Mar-Apr '82

Engineer combat multipliers for the maneuver force. Col James R. Whitley and others. illus tabs Mil Rev 62:43-51 Sep '82

Maneuver in the deep battle. LtCol L.D. Holder. Mil Rev 62:54-61 May '82

MANNED SPACECRAFT CENTER see Lyndon B. Johnson Space Center

MANNED vs UNMANNED FLIGHT

Future tactical combat aircraft in NATO. AVM P.B. Hine. illus NATO's Fifteen Nations 27:48+ Apr-May '82

MANPOWERUnited States

Naval support ships: The case for civilian manning. David A. Leff and Thomas W. Scoville. Def Mgt J 18:36-42 Third Quarter '82

MANPOWER, MILITARY

For strength of the Services see subdivision Statistics under the respective Service, e.g., Air Force--United States--Statistics.

See also

Military Service, Compulsory
Military Service, Voluntary
Personnel

Manpower versus force structure: The need for a new approach to mutual and balanced force reductions in Europe. LtCol Werner Baach. illus tab Jt Persp 2:60-71 Spring '82

Mobilization

See Mobilization, Military

Soviet Union

Rand (Corporation): Exploit Soviet race problems. AF Times 43:6 Aug 2 '82

United States

The Armor force's manpower bank. Capt Lee F. Kichen. illus Armor 91:44-45 Jul-Aug '82

Army--a force bred to fight. Gen E.C. Meyer. illus tab Defense/82, pp 2-9, Apr '82

Developing and introducing the new manning system. Maj L. Erick Ohlsson. illus Fld Arty J 50:24-27 Nov-Dec '82

The dwindling muster. CDR Donald L. Pilling. illus tabs US Nav Inst Proc 108:34-39 Jun '82

Facts and figures about the Department of Defense. tabs charts illus Defense/82: entire issue Sep '82

Heading off a hemorrhage of talent (Policy paper, adopted at AFA's Annual National Convention, Sep 14, 1982). illus AF Mag 65:53-58 Nov '82

(House Armed Services Committee) Panel would trade strength for raise. Martha Lynn Craver. AF Times 42:1+ Apr 12 '82

Issues facing the new administration. Albert C. Pierce. tab AEI For Plcy & Def Rev 3, No.4-5:47-70 '81

McCoy defends 8 percent raise. John Ginovsky. illus AF Times 42:3 Mar 15 '82

Making the volunteer force work. Asst SecDef Lawrence J. Korb. por tabs illus Defense/82, pp 2-11, Jan '82

MANPOWER, MILITARY - ContinuedUnited States - Cont'd

Manpower models as tools of military planning. Murray W. Rowe. illus Def Mgt J 18:20-25 Fourth Quarter '82

Manpower policies, costs come under GAO scrutiny. Paul Smith. AF Times 43:4 Oct 25 '82

Military manpower and social change--assessing the institutional fit. Franklin C. Pinch. Armed Forces & Soc 8:575-600 Summer '82

(Military Manpower) Task Force: Switch pay hike formula. Tom Philpott. illus AF Times 43:1+ Nov 1 '82

NGAUS Red Book: Fully equipped Guard is the goal. illus Natl Guard 36:9-12+ Apr '82

Pentagon study: Recruits in AF above average. Tom Philpott. tab AF Times 42:1+ Mar 8 '82

Retaining citizen soldiers. Lowndes F. Stephens. tabs Armed Forces & Soc 8:471-486 Spring '82

'Seven truths that confront us.' Lawrence J. Korb. illus por Natl Guard 36:20 Jan '82

Unit comes first in new manning system. Col B.I. Legge and LtCol Michael A. Andrews. illus Army 32:198-201+ Oct '82

The U.S. Navy: Selling (and buying) abroad. Norman Polmar. tabs illus US Nav Inst Proc 108:213-215+ May '82

MANPOWER, TECHNICAL

See also
Engineers
Scientists

Human resources mobilization. Bruce Carswell. Signal 36:73-75+ Aug '82

Scarcity and the challenge. Gen James P. Mullins. AF J Log 6:5-6 Winter '82

Armed Forces

Engineer shortage critical--military alone can't solve problem, which is national in scope. Gen Robert T. Marsh. illus por Defense/82, pp 25-32, Jan '82

Army

The specialist/sergeant controversy. CSGM John W. Gillis. Armor 91:6-7 Nov-Dec '82

MANUALSArmy

FM 100-5: Comparing the operational concept and the defense. Maj James M. Dubik. Mil Rev 62:13-19 Dec '82

The new FM 100-5. LtCols Huba Wass de Czege and L.D. Holder. illus Mil Rev 62:53-70 Jul '82

MANUALS - ContinuedArmy - Cont'd

Turf philosophy hard on doctrine cohesion. John R. Cameron. Army 32:20-23 Aug '82

Where have all the 'foreverisms' gone? Col Holland E. Bynam. illus Army 32:18-21+ Jan '82

MAPS AND MAPPING

The Army's map makers. Capt Tom Williams. illus Soldiers 37:44-47 Aug '82

Bringing aerial mapping down to earth. Darrell Maddox. illus Navigator 29:25-26 Spring '82

Digital terrain analysis data: A critical element in future tactical C³I. Maj Edwin E. Neel, Jr and others. Signal 36:51-54 Mar '82

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Terrain: Let's not just add a multiplier. Maj Richard G. Johnson. illus Mil Rev 62:38-42 Jan '82

MARINE CORPSBrigades, Divisions, etcUnited States

Adding a fourth maneuver regiment. CW2 Bryan N. Lavender. illus MarCor Gaz 66:67-73 Mar '82

MAWTS-1: Aviation training at its best. LtCol C.L. Vermilyea and Maj R.C. Kindsfater. illus MarCor Gaz 66:54-59 May '82

Target acquisition. 1stLt John S. Prather and Capt Scott R. Gourley. illus MarCor Gaz 66:59-66 Mar '82

United States--Organization

The DASC (Direct Air Support Center) in a mechanized environment. Capt Edward L. Melton. MarCor Gaz 66:26-27 Feb '82

Don't cut the rifle squad. Capt J.P. Rogers, Jr. illus MarCor Gaz 66:31-32 Aug '82

More changes to Infantry battalion structure. illus chart MarCor Gaz 66:24-25 Jan '82

The new infantry battalion structure. Maj Robert L. Snelson. illus MarCor Gaz 66:25-26 Jul '82

Great Britain

Preparing a commando for Northern Ireland. Maj Scott W. McKenzie. illus MarCor Gaz 66:70-74 Aug '82

The Royal Marines since World War II. Col Michael J. Reece. illus US Nav Inst Proc 108:90-91 Mar '82

MARINE CORPS - ContinuedPhilippines

The Armed Forces of the Philippines: Security through development in the 1980s. Khalid Abdullah. illus Asian Def J No.6:20-22+ Jun '82

Soviet Union

Amphibious forces: Theirs and ours. LtCol Roger M.Jaroch. tabs illus US Nav Inst Proc 108:41-48 Nov '82

More on Soviet marines. George Custance. illus MarCor Gaz 66:23-24 Jan '82

(Soviet Navy) their naval infantry. LtCol Dominik George Nargele. illus US Nav Inst Proc 108:152-156 Oct '82

United States

ANGLICO (Air and Naval Gunfire Liaison Company). Maj William R.Jones. Infantry 72:9-10 May-Jun '82

Amphibious forces: Theirs and ours. LtCol Roger M.Jaroch. tabs illus US Nav Inst Proc 108:41-48 Nov '82

Amphibious warfare: What sort of future? Col Joseph H.Alexander. illus US Nav Inst Proc 108:62-68 Feb '82

CMC policy for accompanied tours. MarCor Gaz 66:6 Aug '82

CMC FY '83 posture statement. illus map tabs por MarCor Gaz 66:30-41 Apr '82

Civil affairs for the eighties. Maj Philip Gold. illus MarCor Gaz 66:58-63 Oct '82

Computer Support: A parable from the Bible of Systems Theory. LtCol David P.Evans. US Nav Inst Proc 108:84 Jan '82

Definitions of mission among novice Marine Corps officers. David F.Burrelli and David R.Segal. tabs J Pol & Mil Sociol 10:299-306 Fall '82

Different directions: Planning for tomorrow's Corps. MajGen R.C.Schulze, Ret. illus MarCor Gaz 66:30-37 Mar '82

The evening parade. LtCol John H.Admiral. illus MarCor Gaz 66:33-36 Jul '82

FMF (Fleet Marine Force) for the RDF. CDR Martin L.Cover III. illus US Nav Inst Proc 108:51-55 Jun '82

Global flexibility. BrigGen M.K.Sheridan. illus MarCor Gaz 66:50-54 Sep '82

Guadalcanal--then and now. Maj J.N.Mueller. illus MarCor Gaz 66:64-68 Oct '82

It's time to assign one of two missions to each of the U.S.' two large "armies." BrigGen Philip L.Bolte. illus Armed Forces J Intl 119:65+ Jan '82

"Let there be built great ships . . ." Col Don P.Wyckoff, Ret. illus US Nav Inst Proc 108:50-57 Nov '82

MARINE CORPS - ContinuedUnited States - Cont'd

Light armored vehicles or light armored victims? Maj John P.Gritz. illus MarCor Gaz 66:36-42 Aug '82

Maneuver warfare and the MAGTF (Marine Air-Ground Task Force). Maj J.D.Burke. illus MarCor Gaz 66:67-71 Sep '82; Responses. 66:24-26 Dec '82; Rebuttal. 66:26 Dec '82

Maneuver warfare roadmap: Trends and implications. Col Bruce G.Brown, Ret. illus MarCor Gaz pt 1, 66:42-47 Apr '82; pt 2, Concepts of employment and tactical applications. 66:80-85 May '82

Marine armor and prepositioned forces. Capts William B.Drennan and Francis A.Schaller. illus Armor 91:26-31 Nov-Dec '82

Marine Corps--in crisis or conflict, ready to respond. Gen Robert H.Barrow. illus Defense/82, pp 18-23, Apr '82

Marine Corps intelligence. BrigGen H.T. Hagaman. illus MarCor Gaz 66:50-53 Jan '82

Marine integrated fire and air support system. Paul Seidenman. illus Natl Def 67: 29-32+ Oct '82

The Marines: Taking the heat. Paul O.Davis and CDR Robert J.Biersner. illus US Nav Inst Proc 108:110-112 Sep '82

On and over the beachhead: The Marine Corps' unique air-ground team--and what makes it work. Carl White. illus Sea Power 25:11-12+ Nov '82

On maneuvers with the Marines. (Interview with John M.Rau) illus Sea Power 25:39-54 Jun '82

Policies that shape the Officer Corps. LtCol J.M.Dwyer. tabs MarCor Gaz 66:54-58 Mar '82

Rangers and recon Marines. Capt Walter F. McTernan III. Infantry 72:20-22 May-Jun '82

'Skill and courage': The Marines in Lebanon. L.Edgar Prina. illus Sea Power 25:54-56 Nov '82

'This precious few...': The evolution of Marine recruit training. LtGen Victor H. Krulak, Ret. MarCor Gaz 66:48-55 Apr '82

Unit deployment: An assessment from the field. LtCol K.D.Jordan. illus MarCor Gaz 66:28-35 Oct '82

The universal observer. Capt R.Des Lauriers and others. illus tab MarCor Gaz 66:55-61 Aug '82

What about Jack? An emergence of battlefield ECM in the Marine Corps. Maj John H. Daly III. illus J of Elect Def 5:25-29 Jun '82

Why the German example? William S.Lind. illus MarCor Gaz 66:59-63 Jun '82

MARINE CORPS - ContinuedUnited States - Cont'dHistory

Duty beyond the seas. LtGen Louis Metzger, Ret. illus MarCor Gaz 66:28-37 Jan '82

The fleet and the Marines. LtCol John J. Reber, Ret. illus US Nav Inst Proc 108: 66-73 Nov '82

Guantanamo Bay: A doubly important advanced base. Bradley M. Reynolds. illus map MarCor Gaz 66:62-68 Nov '82

Ideas and direction: Building amphibious doctrine. Capt Richard S. Moore. illus MarCor Gaz 66:49-58 Nov '82

Officer selection in the "Old Corps." Ralph W. Donnelly. illus MarCor Gaz 66:81-87 Nov '82

Roots of deployment--Vera Cruz, 1914. Col J.H. Alexander. illus chart MarCor Gaz 66:71-79 Nov '82

Those controversial boards. BrigGen R.H. Williams, Ret. MarCor Gaz 66:91-96 Nov '82

Organization

Adding a fourth maneuver regiment. CW2 Bryan N. Lavender. illus MarCor Gaz 66:67-73 Mar '82

Dragons in the Infantry squad. Maj John P. Gritz. illus chart MarCor Gaz 66:26-28 Sep '82

More changes to Infantry battalion structure. illus chart MarCor Gaz 66:24-25 Jan '82

Organizing for mechanized combat. Capt J.J. Jackson. illus MarCor Gaz 66:46-49 Dec '82

Revising squad tactics. Capt G.K. Cunningham. illus MarCor Gaz 66:32-34 Aug '82

Up or out and the lateral move. Col Jerome W. Brown. illus tabs MarCor Gaz 66:52-57 Oct '82

You want my trucks when? Capt R.E. Lupton. charts MarCor Gaz 66:22-24 Aug '82

MARINE CORPS AVIATION

Advanced aviation weapons training--USMC style. William P. Schlitz. illus AF Mag 65: 48-53 Feb '82

Close air support--a major dilemma. Col Jacques C. Naviaux. illus MarCor Gaz 66: 37-40 Jul '82

Marines and tactical airlift. Capt J.E. Walker. MarCor Gaz 66:18-19 Jun '82

Phantoms, Intruders, and Marines. LtCol L.G. Karch. illus MarCor Gaz 66:28-29 Aug '82

Training to die. Capt Barry R. Fetzer. MarCor Gaz 66:24-25 Sep '82

MARINE CORPS AVIATION - Continued

Victory in air-to-air combat, the Marine Corps way. Betty J. Goodson. illus USA Avn Dig 28:2-7 Jul '82

History

The flying sergeants. Mid Michael F. Belcher. illus US Nav Inst Proc 108:73-76 Feb '82

Study and Teaching

MAWTS-1: Aviation training at its best. LtCol C.L. Vermilyea and Maj R.C. Kindsfater. illus MarCor Gaz 66:54-59 May '82

MARINE CORPS BASESUnited States

Marine Corps bases are entered by name and location as given by the U.S. Organization Chart Service's U.S. Military and Government Installation Directory.

Directories

Guide to military installations in the U.S. illus maps AF Times, Times Magazine sup: entire issue Apr 5 '82

MARINE CORPS DEVELOPMENT AND EDUCATION COMMAND

AWS (Amphibious Warfare School): A warrior's shield. Maj J.J. Holly. illus MarCor Gaz 66:67-69 Aug '82

C&SC (U.S. Marine Corps Command and Staff College): Prospectus for the 1980s. LtCol Russel A. Emerson. illus tab MarCor Gaz 66:62-67 Aug '82

History

Ideas and direction: Building amphibious doctrine. Capt Richard S. Moore. illus MarCor Gaz 66:49-58 Nov '82

MARINE CORPS EXCHANGE SERVICE see Exchanges--Marine Corps--U.S.

MARINE CORPS SCHOOLS, QUANTICO, VA see Marine Corps Development and Education Command

MARITIME ADMINISTRATIONSee also

Merchant Marine--U.S.
National Defense Reserve Fleet

Maritime Administration. ADM Harold E. Shear. illus tabs por Def Trans J 38:39-43 Feb '82

Rebuilding the infrastructure (the first significant overhaul of Federal port policy in 200 years). Thomas B. Allen. illus Sea Power 25:32-38 Jul '82

MARITIME LAW

Hot pursuit (ancient right of a coastal state to chase any foreign ship which violates its laws or regulations). WgComdr R.A. Smith. RUSI J for Def Studies 127:46-50 Mar '82

MARITIME LAW - Continued

The law of the sea. John Lehman. illus map
Defense/82, pp 2-9, Mar '82

The marine environment and maritime security
in Southeast Asia: Controlling oil tanker
traffic in the Strait of Malacca. Daniel
P.Finn. Nav War Col Rev 34:49-59 Nov-Dec
'81

A maritime policy and program for the eight-
ies and beyond. Clinton H.Whitehurst, Jr.
tab Def Trans J 38:76-82 Feb '82

Ocean transportation reform legislation,
defense preparedness, and the UNCTAD
(United Nations Conference on Trade &
Development) threat. Conrad H.C.Everhard.
Def Trans J 38:18-23 Jun '82

MARKETING RESEARCH

Be all you can be. LtCol Wade W.LaDue. illus
Soldiers 37:21-25 Jul '82

MARKETS AND MARKETING

Consumer electronics: Hi-tech/hi-ticket
selling. Mike Michels. illus Interservice
2:49-50+ Fall '82

Dynamics of fashion at the military exchanges.
Michael Haley. illus Interservice 2:51-53+
Spring '82

Generics: Are they right for the military?
George Wilcox. Interservice 2:53-58
Winter '82

Keys to successful photo sales at military
exchanges. Jack A.Robinson. illus tabs
Interservice 2:95+ Fall '82

A look over the shoulder: How supermarkets
are faring in health and beauty aids.
Glenn H.Snyder. tabs Interservice 2:61-64+
Summer '82

Market analysis: Turbulent year for brewers.
Terry Callahan. Interservice 2:80+ Summer
'82

Marketing and merchandising to the Black mili-
tary patron. Lafayette Jones. illus tabs
Interservice 2:27-30+ Winter '82

Marketing liquor: Major firms fight type-
casting. Robert Crooke. Interservice 2:62+
Spring '82

The military resale system: Its past . . .
its present . . . does it have a future?
Rep Dan Daniel. Interservice 2:12-14+
Spring '82

New strategies evolving at the Navy and
Marine Corps exchange systems. Isadore
Barmash. tab Interservice 2:42-47+
Winter '82

1981 worldwide (commissary store) sales \$10
billion. Tables only. Interservice 2:59-62+
Winter '82

MARKETS AND MARKETING - Continued

Patron demographics 1982. Thayer C.Taylor.
tabs Interservice 2:15-17+ Summer '82

Serving the military patron through consumer
education. Janet Wood. Interservice 2:78+
Fall '82

MARKS, John B., Jr

Electronic combat: New imperatives for ef-
fective operations/intelligence interface.
MajGen John B.Marks. TIG Brief 34:1-2
Jul 23 '82

The need to know. MajGen John B.Marks. TIG
Brief 34:1-2 Jan 22 '82

MARKSMANSHIP

Marksmanship training made modern. illus Natl
Def 66:48-49 Mar '82

Rifle zero. Capt Everett Mayfield. Infantry
72:18-19 May-Jun '82

MARRIAGE AND DIVORCE

AF: Ex-spouse actions to begin Feb. 1.
AF Times 43:14 Nov 29 '82

AF ordered to return \$18,000 garnishment.
AF Times 42:1+ Feb 22 '82

Allotment law held too vague. AF Times 43:1+
Nov 15 '82

Benefits gain in '81; '82 picture is cloudy.
Martha L.Craver. AF Times 42:4 Jan 4 '82

CG (Comptroller General) hits court on gar-
nishment. Tom Philpott. AF Times 42:3
Mar 1 '82

CG (Comptroller General): Ignore voided
divorce in deciding SBP eligibility. AF
Times 42:26 Jul 19 '82

Conferees agree on ex-spouse bill. Martha
Lynn Craver. AF Times 43:1+ Aug 23 '82

DOD expected to back ex-spouse claim bill.
Laurie Parker. AF Times 42:1+ Feb 8 '82

DOD would support ex-spouse pay if . . . AF
Times 42:1+ Mar 22 '82

Defense softens support of ex-spouse pay
split. AF Times 42:10 Mar 15 '82

Ex-spouse bill may squeak by as 'rider.'
Martha Lynn Craver. illus AF Times 43:1+
Jul 26 '82

Ex-spouse bill: Open door for 'recomp?' Tom
Philpott. AF Times 43:1+ Aug 30 '82

Ex-spouse law slights SBP (Survivor Benefit
Plan). AF Times 43:1+ Nov 1 '82

Ex-spouse pay bill riles retirees. Tom Phil-
pott. AF Times 43:3 Sep 13 '82

Ex-spouse pay split okayed by House. Martha
Lynn Craver. AF Times 43:1+ Aug 9 '82

MARRIAGE AND DIVORCE - Continued

Fight for ex-spouses not over: (Rep Patricia) Schroeder, Martha Lynn Craver. AF Times 43:1+ Sep 20 '82

Fla. court: Retired pay can be split in alimony. AF Times 42:6 Apr 19 '82

Military marriage: Pluses and minuses. AF Times 43:21 Aug 23 '82

Nullification of McCarty: Opening Pandora's box? Randall Shoemaker. AF Times 43:32 Aug 2 '82

Panel debates but passes health care for ex-spouses. Martha Lynn Craver. AF Times 43:7 Aug 2 '82

Parenting solo. Bonnie Stone. tab AF Times 43:51 Nov 1 '82

Personnel chiefs to testify on bill to split retired pay. AF Times 42:3 Mar 29 '82

Services can order support allotments. Tom Philpott. AF Times 43:1+ Oct 25 '82

Services: Ex-spouse pay split an 'erosion.' Allen Carrier. AF Times 42:1+ May 10 '82

Services oppose ex-spouse \$ split. AF Times 42:4 Feb 15 '82

Single-member parents on increase. Don Mace. AF Times 43:1+ Nov 8 '82

Spouse bill to split \$\$ moves. Martha Lynn Craver. AF Times 42:1+ Jul 12 '82

Tax bill prods child support delinquents. Tom Philpott. AF Times 43:3 Sep 6 '82

Why military wives want equitable benefits. illus Govt Exec 14:40-41 Mar-Apr '82

MARSH, John O., Jr

"The basic issue is to deter conflict." Interview. por illus Mil Tech 6:21-22+ Oct '82

Five keys to an effective land force. John O. Marsh, Jr. illus Army 32:10-14 Oct '82

104th (NGAUS) General Conference: What they said. illus Natl Guard 36:22-29 Dec '82

Secretary of the Army. LtCol Wade W.LaDue. Interview. illus por Soldiers 37:6-7 Jun '82

MARSH, Robert T.

AFSC. Interview. Gen Robert T.Marsh. illus tab por Armed Forces J Intl 119:40+ Jan '82

Air Force speeding development cycle (accelerating the introduction of new technologies to military systems). James Fawcette. Interview. illus por Def Elect 14:65+ Sep '82

Air Force Systems Command. illus chart por AF Mag 65:88-89 May '82

MARSH, Robert T. - Continued

Developing the future. Interview. Gen Robert T.Marsh. illus por AF Mag 65:88-94 Jan '82

Electronic combat: The threat drives the response. Gen Robert T.Marsh. por AF Mag 65:62+ Jul '82

Engineer shortage critical--military alone can't solve problem, which is national in scope. Gen Robert T.Marsh. illus por Defense/82, pp 25-32, Jan '82

Strategic missiles debated: Missile accuracy--we do know! Gen Robert T.Marsh. por Strat Rev 10:35-37 Spring '82

MARSHALL, George C.

The pioneer plan for air war. DeWitt S.Copp. AF Mag 65:74-78 Oct '82

MARSHALL, Samuel L.A.

General (S.L.A.) Marshall on logistics. Army Log 14:49 Jan-Feb '82

MARTIAL LAW

The lights go out in Poland--No.1: Eye-witness in Warsaw. Robin Gedy. illus Pac Def Rep 8:16+ Feb '82

The lights go out in Poland--No.2: Trauma or tragedy? T.B.Millar. Pac Def Rep 8: 21-22 Feb '82

Martial law made in Moscow. Alexander M.Haig. illus por Pac Def Rep 8:24-26 Mar '82

MASS TRANSPORTATION see TransportationMATERIALS

See also
Strategic Materials
also subdivision under specific subjects,
e.g.,
Airplanes, Military--Materials

Facilities readiness. Interview. MajGen (William D.) Gilbert. illus por AF Engrg & Svcs Qtr 22:4-7 Winter '81/'82

Reinforced earth: A solution to site engineering problems. John M.Carey. illus Mil Engr 74:190-193 May-Jun '82

Space-age adhesives. R.Richard Avent and others. illus Mil Engr 74:20-22 Jan-Feb '82

MATERIALS HANDLING

See also
Containers
Hazardous Substances--Transportation
Loading and Unloading
Packing for Shipment

Combat distribution teams: AFLC's elite response force. TIG Brief 34:5-6 Mar 5 '82

Munitions Materiel Handling Equipment (MMHE) focal point. TIG Brief 34:5 Mar 19 '82

A uniform national air-cargo system--do we need it? Paul D.Tuck. illus tabs AU Rev 33:58-67 Jul-Aug '82

MATHEMATICSTesting

FDC (Fire Direction Computer) skills. Charles Harvey. Infantry 72:38-39 Sep-Oct '82

MATHIS, Robert C.

Defense myths--and facts. Gen Robert C. Mathis, Ret. illus por AF Mag 65:15-17 Jun '82

MEASUREMENT see Weights and Measures

MECHANIZED FORCES see Armor

MEDAL OF HONOR

Army study--combat ability: Linked with IQ. Tom Philpott. AF Times 42:7 Jun 28 '82

MEDALS see Awards, Decorations, etc

MEDICAL AND SANITARY AFFAIRS

Forensic dentistry. William M. Morlang. illus tabs Aviation, Space & Envmt Med 53:27-34 Jan '82

The pathophysiology, presentation, and triage of altitude-related decompression sickness associated with hypobaric chamber operation. Donald C. Arthur and Robert A. Margulies. illus Aviation, Space & Envmt Med 53:489-494 May '82

Air Force

Medical readiness in transition. TIG Brief 34:13-14 Jun 11 '82

Quality assurance/risk management. TIG Brief 34:15-16 May 14 '82

Armed Forces

Survivable medical facilities. Maj Gordon W. Best. AF Engrg & Svcs Qtr 22:13-14 Winter '81/'82

Army

Medical unit survival on the modern battlefield. LtCol Richard J. Berchin. illus Mil Rev 62:62-74 Jun '82

MEDICAL CENTERS AND SCHOOLSArmed Forces

See also
Uniformed Services University of the Health Sciences

First Guardsman attends Uniform Services Medical School. Natl Guard 36:17-18+ Sep '82

MEDICAL CORPSAir Force--U.S.

House (Armed Services Investigations Subcommittee) panel awaits results of MD investigation. AF Times 42:2 Jan 18 '82

MEDICAL CORPS - ContinuedArmed Forces--U.S.

Greening the Army's doctors. Sgt1C Norman Oliver. illus Soldiers 37:19-21 Oct '82

Reserve Forces--Armed Forces--U.S.

Medical readiness of the Guard and Reserve is a total force shortage. illus Natl Guard 36:18-19+ Jun '82

Reagan administration readiness initiatives. (Excerpts from address, Reserve Officers Assoc, Mid-Winter Conference, Washington, 1982) John F. Beary III. Officer 58:35-37 Apr '82

United States

Antinuclear medics win DOD skirmish. AF Times 42:10 Jan 11 '82

MEDICAL EDUCATION PROGRAM

Consumer health education. TIG Brief 34:14 May 14 '82

Inservice education and training for the medical Reservist. TIG Brief 34:7 Jan 22 '82

Quality assurance and risk management. BrigGen Gerald W. Parker. TIG Brief 34:2 Apr 30 '82

MEDICAL EQUIPMENT AND SUPPLIES

Accountability and control for schedule drugs. TIG Brief 34:17 Jul 9 '82

Controlled medications in the emergency room. TIG Brief 34:13 Feb 5 '82

Dentistry goes to the field. Capts Howard H. Schultz and George V. Masi. illus Army Log 14:34-37 Sep-Oct '82

Environmental sampling in infection control. TIG Brief 34:16 May 14 '82

Medical unit survival on the modern battlefield. LtCol Richard J. Berchin. illus Mil Rev 62:62-74 Jun '82

Planning a division combat ASL (Authorized Stockage List) for class VIII. Capt Frank Welter. illus tab Army Log 14:8-12 Nov-Dec '82

Precious metals recovery program for medical facilities. TIG Brief 34:16 Jul 23 '82

TRIMIS (TRI-service Medical Information System)--computer service aid to patients. Paul Smith. illus AF Times 42:12 May 17 '82

MEDICAL EXAMINATIONS

GAO: Agent Orange exams often inadequate. Don Hirst. AF Times 43:39 Nov 15 '82

Relieving the riddle of allergies. Maj Anthony Lynn Batezel. illus Airman 26:30-38 Jul '82

MEDICAL EXAMINATIONS - ContinuedCosts

The aerospace screening electroencephalogram: An analysis of benefits and costs in the U.S. Air Force. W.Douglas Everett and Stephen W.Jenkins. tabs illus Aviation, Space & Envmt Med 53:495-501 May '82

MEDICAL RESEARCH

Analysis of dental materials as an aid to identification in aircraft accidents. G.S.Wilson and D.W.Cruickshanks-Boyd. illus tabs Aviation, Space & Envmt Med 53:326-331 Apr '82

Dimethyl sulfoxide (DMSO)--a unique therapeutic entity. J.Harold Brown. illus Aviation, Space & Envmt Med 53:82-88 Jan '82

Drug use change proposed. AF Times 42:10 Mar 1 '82

The extraction and identification of drugs in aviation toxicology. R.W.Mayes. tabs Aviation, Space & Envmt Med 53:332-335 Apr '82

Follow-up of 14 abnormal electroencephalograms in asymptomatic U.S. Air Force Academy cadets. W.Douglas Everett and Mahmood S.Akhavi. illus tabs Aviation, Space & Envmt Med 53:277-280 Mar '82

Forensic dentistry. William M.Morlang. illus tabs Aviation, Space & Envmt Med 53:27-34 Jan '82

Limitations of the exercise stress test in the detection of coronary artery disease in apparently healthy men. Sterling R.Piepgress and others. Aviation, Space & Envmt Med 53:379-382 Apr '82

New VD strain--a growing problem. AF Times 42:4 Mar 29 '82

On the significance of heterophoria for stereoscopic vision. Jorma Castrén and others. tabs Aviation, Space & Envmt Med 53:393-397 Apr '82

Relationship of personality factors and some social habits to cardiovascular risk in submariners. D.V.Tappan and B.B.Weybrew. tabs Aviation, Space & Envmt Med 53:383-389 Apr '82

MEDICAL SERVICE

See also
Medical Corps
Medical Service Corps
Surgeon General

Air Force--U.S.

The Aerospace Medicine Council. TIG Brief 34:15 Nov 15 '82

Billion dollar effort will upgrade med facilities. AF Times 42:12 Feb 15 '82

Controlled medications in the emergency room. TIG Brief 34:13 Feb 5 '82

MEDICAL SERVICE - ContinuedAir Force--U.S. - Cont'd

The hospital incident report: Asset or liability? Capt Robert N.Spencer. AF Law Rev 22:148-167 '80/'81

Midwives make their mark. TSgt Lorenzo D. Harris. illus Airman 26:36-40 Nov '82

Quality assurance and risk management. BrigGen Gerald W.Parker. TIG Brief 34:2 Apr 30 '82

Relieving the riddle of allergies. Maj Anthony Lynn Batezel. illus Airman 26:30-38 Jul '82

Risk management program. TIG Brief 34:13-14 Oct 11 '82

Armed Forces--U.S.

DOD to Services: Report malpractice. Paul Smith. AF Times 43:3 Nov 1 '82

Medical services remember lessons. LtGen Paul W.Myers, Ret. Presentation before the Health Services Advisory Committee. illus por Officer 58:30-33 Nov '82

Walk-in surgery easier to use now under CHAMPUS. Paul Smith. AF Times 43:7 Nov 22 '82

Costs

CHAMPUS eases rules on ambulatory surgery. AF Times 42:4 Feb 15 '82

Army--U.S.

Medical (care). illus Soldiers 37:33-35 Jan '82

10,000 soldiers had one last year: Vasectomy. Sgt1C Norman Oliver. illus Soldiers 37:38-40 Jun '82

Reserve Forces--Air Force--U.S.

Quality . . . attitude . . . motivation. Capt Dennis R.Boxx. illus Air Reservist 34:14-15 Mar '82

Reserve Forces--Armed Forces--U.S.

Plans forming to aid Reserve med readiness. Paul Smith. AF Times 43:7 Dec 20 '82

MEDICAL SERVICE CORPSAir Force--U.S.

Validating 'report of patient' workload. TIG Brief 34:16 Dec 20 '82

Armed Forces--U.S.

The discretionary function exception and military hospital administration. John F. McCue, Jr. AF Law Rev 22, No.1:59-80 '80/'81

United States

Patient affairs management. TIG Brief 34:19 Apr 2 '82

MEDICARE

Benefits gain in '81; '82 picture is cloudy.
Martha L. Craver. AF Times 42:4 Jan 4 '82

CHAMPUS changes--civilian care harder to get.
Paul Smith. AF Times 43:1+ Sep 27 '82

CHAMPUS eases rules on ambulatory surgery.
AF Times 42:4 Feb 15 '82

CHAMPUS headed for \$100M shortfall. AF Times
42:10 Jun 7 '82

CHAMPUS: How does program compare with others?
Paul Smith. tab AF Times 43:8+ Nov 15 '82

CHAMPUS may bar routine care in five areas.
Paul Smith. AF Times 42:12 Jul 12 '82

CHAMPUS revises rules on alcoholics, mentally
ill. AF Times 43:4 Oct 4 '82

'Catchment' area remapping limits use of
CHAMPUS. Paul Smith. AF Times 43:3
Nov 29 '82

DOD makes CHAMPUS changes. AF Times 42:4
Apr 19 '82

DOD plans approved to limit CHAMPUS use.
Paul Smith. AF Times 43:4 Nov 22 '82

FY '83 CHAMPUS deficit may hit \$200 million.
AF Times 43:6 Sep 6 '82

Feedback asked on CHAMPUS cost-saving plan.
Paul Smith. AF Times 43:23 Nov 8 '82

(House Defense Appropriations Subcommittee)
Panel to deny \$27M of CHAMPUS fund shift.
AF Times 43:27 Aug 9 '82

Houston families can join HMOs (Health
Maintenance Organizations). AF Times 42:4
Feb 8 '82

How bills are paid under CHAMPUS. Officer
58:40-41 Jan '82

Justice eyes suit against CHAMPUS bilker. Tom
Philpott. AF Times 43:4 Oct 25 '82

Medicare cuts could cost military retiree
money. AF Times 42:14 Mar 1 '82

Medicare hospital user costs to jump 17%.
Paul Smith. AF Times 43:16 Nov 1 '82

Medicare: Over 65s can join HMOs (Health
Maintenance Organizations). Paul Smith.
AF Times 43:26 Sep 27 '82

Meetings reveal anger at CHAMPUS. AF Times
43:3 Nov 29 '82

New CHAMPUS benefits in the offing. illus
AF Times 42:3 Apr 5 '82

Ombudsman handles CHAMPUS 'beefs.' Paul
Smith. illus AF Times 43:2 Nov 1 '82

'Paperless' CHAMPUS to begin in S. Carolina.
AF Times 42:15 Jul 19 '82

MEDICARE - Continued

Senate cuts most \$\$ for dental plan. Paul
Smith. AF Times 42:4 May 24 '82

A tale of three miseries (no medical care
for persons falling ill at drill). illus
Nat'l Guard 36:27-29 Jun '82

Test on curbing CHAMPUS set for three areas.
Paul Smith. AF Times 43:1+ Dec 27 '82

\$2.4B Senate cuts affect bonus \$\$. Paul
Smith. AF Times 42:1+ May 31 '82

Walk-in surgery easier to use now under
CHAMPUS. Paul Smith. AF Times 43:7 Nov 22
'82

MEDICINE

See also
Aviation Medicine
Military Medicine

MEDITERRANEAN FLEET see Fleet, 6thMEDITERRANEAN REGION

The Italian naval policy. Adm Angelo Monassi.
illus NATO's Fifteen Nations 27:62+ Apr-
May '82

Strategic Importance

The importance of the Hellenic Navy in
Southern Europe operations. VAdm Nicos
Pappas. illus NATO's Fifteen Nations
Special Issue No.2:48-50 '82

Maintaining naval security in the Mediter-
ranean. VAdm Giuseppe Di Giovanni. illus
NATO's Fifteen Nations Special Issue No.2:
52+ '82

MEMORIALS

See also
Battlefields
Cemeteries, National

(H.Ross) Perot offers to sponsor vet memori-
al poll. AF Times 42:29 Jan 4 '82

In foreign fields (American military ceme-
teries from France to the Philippines).
Roland Esteves. illus Army 32:28-31 May '82

Viet(nam) memorial architect faults design
changes. Allen E. Carrier. illus AF Times
42:4 Jul 19 '82

The wall on the mall. Ch(LtCol) James Stanley
Speese, Ret. illus Officer 58:20-21 Dec '82

MENTAL HEALTH

See also
Psychiatry

CHAMPUS revises rules on alcoholics, mentally
ill. AF Times 43:4 Oct.4 '82

Criminal insanity--the problem after. LtCol
Franklin W. Losey. AF Law Rev 22:137-147
'80/'81

MENTAL HEALTH - Continued

The personality disordered individual in aviation units: A primer for commanders and flight surgeons. LtCol Brian H.Chermol. USA Avn Dig 28:15-17 Feb '82

MENTAL HEALTH CENTERS see Mental Health

MERCENARY TROOPS

See also
Foreign Legion

MERCHANT MARINE

MERCOMMS (MERchant ship COMMunications System)--wartime merchant ship communications comes of age. Edward J.Bender, Jr. Signal 36:49-51 Jul '82

Australia

Further thoughts on the lessons of the Falklands Crisis. P.Lewis Young. Asian Def J No.10:90+ Oct '82

Great Britain

A corporate endeavor: How the British people won the battle of the Falklands. Desmond Wettern. illus Sea Power 25:39+ Sep '82

Further thoughts on the lessons of the Falklands Crisis. P.Lewis Young. Asian Def J No.10:90+ Oct '82

'STUFF' (Ships Taken From the Trade) in the Falklands crisis. Desmond Wettern. illus Pac Def Rep 9:10+ Oct '82

Soviet Union

Soviet civil fleet--the challenge. CDR James John Tritten. Natl Def 67:26-30 Dec '82

(Soviet Union) their merchant fleet. Capt Robert E.McKeown. illus US Nav Inst Proc 108:160-167 Oct '82

United States

See also
Maritime Administration

The fourth arm of defense. James D.Hessman. illus tab Sea Power 25:32-34 May '82

Maritime Administration. ADM Harold E.Shear. illus tabs por Def Trans J 38:39-43 Feb '82

A maritime policy and program for the eighties and beyond. Clinton H.Whitehurst, Jr. tab Def Trans J 38:76-82 Feb '82

Naval support ships: The case for civilian manning. David A.Leff and Thomas W.Scoville. Def Mgt J 18:36-42 Third Quarter '82

Reversing the tide: Strengthening our merchant marine. John F.Lehman. Def Mgt J 18:2-5 Third Quarter '82

Sealift capability: A dwindling defense resource. Peter J.Luciano. Def Mgt J 18:11-15 Third Quarter '82

MERCY MISSIONS

Pakistan airlift 64. Maj Timothy A.Fuhrman. illus map Airlift Ops Rev 4:25-27 Jan-Mar '82

MERRYMAN, James H.

'70s R&D efforts are bearing fruit. LtGen James H.Merryman. illus Army 32:106-109 Oct '82

MESSERLI, Robert E.

Slipping the surly bonds with a zip--the F-104. MajGen Robert E.Messerli. illus Aerosp Hist 29:98-105 Jun '82

METALS

NASA will seek metal alternate. Leonard Falmiglietti. AF Times 42:29 Jan 25 '82

Precious metals: Losses we cannot afford. LtCol Larry J.Goar. tabs AF J Log 6:8-13+ Fall '82

Precious metals recovery program for medical facilities. TIG Brief 34:16 Jul 23 '82

The strategic minerals problem: Our domestic options. Alwyn H.King. tab Parameters 12:44-52 Sep '82

METEOROLOGY

See also
Weather

"Everyone talks about . . . no one does a thing about . . ." MSgt Watterson. illus Combat Crew 32:21+ Jun '82

METEORS AND METEORITES

Meteor burst communications. Kenneth G.Gray. illus tabs Signal 36:125-126+ May-Jun '82

Meteor burst communications. Robert L. Richmond. illus Mil Elect/Countermeasures pt 1, MBC advances assist C³ objectives. 8:68-72 Aug '82; pt 2, Upgrading performance doesn't cost. 8:56-61 Sep '82

METHODOLOGY

See also subdivision Methodology under specific subjects

METRIC SYSTEM see Weights and Measures

METZGER, Louis

Duty beyond the seas. LtGen Louis Metzger, Ret. illus MarCor Gaz 66:28-37 Jan '82

MEXICAN WAR, 1845-1848

Lt Grant and the missing money. John M.Taylor. illus Army 32:67-68 Feb '82

MEYER, Edward C.

Army--a force bred to fight. Gen E.C.Meyer. illus tab Defense/82, pp 2-9, Apr '82

The JCS--how much reform is needed? Gen Edward C.Meyer. illus por Armed Forces J Intl 119:82+ Apr '82

MEYER, Edward C. - Continued

A talk with the (U.S. Army) chief (of staff). Interview. Gen Edward C. Meyer. por illus Army 32:16-20+ May '82

Time of transition; a focus on quality. Gen Edward C. Meyer. illus Army 32:18-24 Oct '82

The unit: The military member draws strength and confidence from a stable unit. Gen E.C. Meyer. illus por Defense/82, pp 2-9, Feb '82

MICROPROCESSORS

Assessing 16-bit microprocessors. Bernard Conrad Cole. tab illus Def Elect 14:62-64+ Nov '82

Development systems fill programming needs. Jonathan Gorrell and Gregory Plant. illus Def Elect 14:72+ Feb '82

Evolution of teleprocessing. Charles K. Watt. tabs Concepts 5:125-140 Autumn '82

First commercial 32-bit μ P promised for 1983. David M. Russell. illus Def Elect 14:112+ Oct '82

First microprocessor-based flight simulator delivered. illus Intl Def Rev 15, No.1:105 '82

The future of ATC (Air-Traffic-Control) communications. Wolf-Rudiger Lange. illus Asian Def J No.1:80-81 Jan '82

Meeting the challenge . . . reprogrammable tactical air EW systems support. R.E. Smiley and J.E. Caruthers. illus J of Elect Def 5: 91-92+ Oct '82

Microprocessor architecture looks ahead to future EW needs. Jim Martin. illus Mil Elect/Countermeasures 8:17-22 Aug '82

Military to lead industry in 32-bit μ processor use? Def Elect 14:40+ Sep '82

New technology antenna pedestal systems. Walter J. Kozacky. illus J of Elect Def 5:54-58+ Nov '82

Processor extensions improve missile computer design. Richard T. Davis. illus Def Elect 14:72+ Jun '82

VHSIC (Very High Speed Integrated Circuits) processors take shape. tabs illus Def Elect 14:33+ Aug '82

MICROWAVE LANDING SYSTEMS

Flying the microwave landing system. Capt Byron L. Howard. illus MAC Flyer 29:3-5 Oct '82

The microwave in your future. Capt Byron L. Howard. illus MAC Flyer 29:8-11 Mar '82

MICROWAVES

See also
Millimeter Waves

MICROWAVES - Continued

Army digital microwave radio program. James E. Bartow. illus Signal 36:43-45 Apr '82

Indication of microwave propagation--a development in stealth technology. George Gibbs. illus Asian Def J No.1:74-75 Jan '82

Thomson--CSF in microwave and space communication. Col Norman L. Dodd. illus Pac Def Rep 8:33-34 Mar '82

MIDDLE EAST

AWACS and other Mideast arms. Jim Bussert. illus tabs map Mil Elect/Countermeasures 8:34+ Jan '82

Behind the new Middle Eastern explosion. James A. Nathan. illus Pac Def Rep 9:22-23 Jul '82

Flashpoint: Middle East. H.R. Kaplan. illus map Sergeants 20:21-26 Jan '82

Israel lashes out. R.D.M. Furlong. illus Intl Def Rev 15, No.8:1001-1007 '82

Latest Mideast war underscores Israel's fighting trim. Ze'ev Schiff. illus Armada Intl 6:98+ Jul-Aug '82

Middle East armed forces--oil wealth, oil watch. Jay G. Walden. illus map Armada Intl 6:84-86+ Jan-Feb '82

Middle East map dangerously redrawn. John Christie. Pac Def Rep 9:53-54 Aug '82

On peace and security: Perceptions and principles of Israeli policy. Shlomo Argov. RUSI J for Def Studies 127:12-16 Jun '82

The politics of (Menachem) Begin's Baghdad raid. Capt M. Thomas Davis. Nav War Col Rev 35:33-40 Mar-Apr '82

Return to the Middle East--no 1: Some punji sticks in the Sinai sands. John Christie. illus map Pac Def Rep 8:22-23 Apr '82

Return to the Middle East--no 2: The ANZAC contingent and its role. Ian Hamilton. illus Pac Def Rep 8:24+ Apr '82

United Nations peace-keeping in the Middle East: Lessons and prospects. LtGen Ensio Siilasvuo. illus RUSI J for Def Studies 126:3-6 Dec '81

The view from Israel. Ze'ev Schiff. illus Pac Def Rep 8:24+ Feb '82

"We have waited for the past two years for an American policy to evolve toward the Near East." Anthony H. Cordesman. Interview. tabs illus Armed Forces J Intl 120:26+ Nov '82

Foreign Policy

Reflections on the Middle East--from September 1980 to September 1982. P. Lewis Young. map Asian Def J No.11:42-44+ Nov '82

MIDDLE EAST - ContinuedHistory

Reflections on the Middle East--from September 1980 to September 1982. P.Lewis Young. map Asian Def J No.11:42-44+ Nov '82

Politics and Government

The preservation of power and how four Middle Eastern leaders have done it. Michael C.Dunn. illus Def & For Aff 10:45-46+ Apr '82

Reflections on the Middle East--from September 1980 to September 1982. P.Lewis Young. map Asian Def J No.11:42-44+ Nov '82

The search for peace in the Middle East. Noel Kaplowitz. Intl Sec 7:181-207 Summer '82

Strategic Importance

Gains for Soviet policy in the Middle East. Shahrman Chubin. Intl Sec 6:122-152 Spring '82

A sea of discord. RADM Robert J.Hanks, Ret. map illus Sea Power 25:9-11+ Dec '82

Soviet weaponry used in war reflects size of commitment. Capt Robert B.Adolph, Jr. illus Army 32:24-27+ Aug '82

MIDDLE EAST CRISIS, 1967

See also
Arab-Israeli Conflict, 1967-
Middle East War, 1973

The battle of al-Karamah and the development of Palestinian nationalism. Maj Gregory M. Kortanek. illus Jt Persp 2:48-59 Spring '82

MIDDLE EAST WAR, 1973

See also
Arab-Israeli Conflict, 1967-
Middle East Crisis, 1967

Operation Badr: Crossing the Suez. Capt Ray G.Roth. maps illus Armor 91:23-25 May-Jun '82

The political utility of nuclear weapons: The 1973 Middle East Crisis. Barry M.Blechman and Douglas M.Hart. Intl Sec 7:132-156 Summer '82

Lessons Learned (Military)

Israeli military strategy up to the Yom Kippur War. LtCol Amnon Gurion. AU Rev 33:52-57 Sep-Oct '82

On creating an enemy. Robert B.Bathurst. Nav War Col Rev 34:14-26 Nov-Dec '81

MILITARISM

The military and militarism in Soviet society. Dimitri K.Simes. Intl Sec 6:123-143 Winter '81/'82

MILITARY ACADEMIES

See also
Noncommissioned Officers Academies

Great Britain

Educating for the profession of arms: USMA West Point and RMA Sandhurst. Cathy Downes. RUSI J for Def Studies 126:33-39 Dec '81

Soviet Union

Soviet advanced armor officer training. Maj William L.Howard and Andrew W.Hull. illus Armor 91:23-25 Sep-Oct '82

United States

See also Service academies by name, e.g.,
Air Force Academy
Coast Guard Academy, New London, CT
Military Academy, West Point, NY
Naval Academy, Annapolis, MD

Our Service academies--are they accomplishing their missions? Col George A.Tuttle, Ret. illus tabs Armed Forces J Intl 119:81+ Jul '82

MILITARY ACADEMY, WEST POINT, NY

Educating for the profession of arms: USMA West Point and RMA Sandhurst. Cathy Downes. RUSI J for Def Studies 126:33-39 Dec '81

Our Service academies--are they accomplishing their missions? Col George A.Tuttle, Ret. illus tabs Armed Forces J Intl 119:81+ Jul '82

Personality and value changes in West Point cadets. Robert Priest and others. tabs Armed Forces & Soc 8:629-642 Summer '82

MILITARY AFFILIATE RADIO SYSTEM

Ham radio & MARS news. Regular feature in issues of Signal

MILITARY AID TO FOREIGN COUNTRIES

A new look for FMS (Foreign Military Sales). L.Edgar Prina. illus tabs Sea Power 25: 56-58+ Apr '82

U.S. weapons exports headed for record level. Def Monitor 11, No.3: entire issue '82

Africa, South

Constraints on superpower intervention in Sub-Saharan Africa. Robert J.Lilley. map Parameters 12:63-75 Sep '82

Great Britain

Crisis team aided British in Falkland dispute AF Times 42:2 May 17 '82

Greece

Restoring democracy to its birthplace: American assistance to post-war Greece. Col Angelo de Guttadauro. map Air Def Mag, pp 9-12, Oct-Dec '81

MILITARY AID TO FOREIGN COUNTRIES - ContinuedKorea (South)

Korea: Force imbalances and remedies. Donald R. Cotter and N.F. Wikner. illus tabs Strat Rev 10:63-70 Spring '82

N A T O

Innovations to support our NATO commitment. Lawrence J. Korb. illus Defense/82, pp 2-7, Nov '82

Soviet UnionHistory

The iron(ic) horse from Nikolsk (incident involving US Army troops on duty in Siberia in 1920). Harold B. Hayes III. illus map Mil Rev 62:18-28 May '82

MILITARY AIRLIFT COMMANDSee also

Aerospace Rescue and Recovery Service
Air Force, 21st
Air Force, 22d
Air Weather Service
Airlift Operations School

Airlift: Finding the plane to fit the mission. Everett A. Chambers. illus tabs Armed Forces J Intl 120:40-41+ Nov '82

Almanac of government transportation agencies. illus charts tabs maps Def Trans J 38:11-54 Feb '82

"Always focus on the mission." Interview. por Airlift 4:2-4 Summer '82

"The best 101st Air Mobile Division in the world isn't going to deter a soul if it can't fight outside the confines of Ft Campbell, KY." LuAnne K. Levens and Benjamin F. Schemmer. Interview. illus por Armed Forces J Intl 119:50+ Jul '82

Circadian rhythm. Mike Vouri. illus Air Reservist 34:6-7 Mar '82

Commander in Chief, Military Airlift Command (CINCMAC). Interview. Gen James R. Allen. illus por Airlift Ops Rev 4:1-7 Jan-Mar '82

Commander in Chief, Military Airlift Command, April 1977 - June 1979. Interview. Gen William G. Moore, Jr. illus por Airlift Ops Rev 4:1-7 Apr-Jun '82

Gallant Eagle '82: The MAC mission. Capt Phil Lacombe. illus AF Mag 65:90-94 Jul '82

MAC: Unlimited capability . . . ? Col Charles Gilbert. Airlift 4:20-21 Fall '82

Military Airlift Command. tab illus charts por AF Mag 65:96-98 May '82

Military Airlift Command. Gen James R. Allen. illus tabs por Def Trans J 38:26-30 Feb '82

MILITARY ART AND SCIENCESee also

Attack and Defense (Military Science)
Deception in Warfare
Interdiction
Strategy
Surprise in Warfare
Tactics

Airland battle--implications for the Infantry. LtCol Jerry M. Sollinger. illus Infantry 72:20-25 Mar-Apr '82

Army aviation systems program review '82. MajGen Carl H. McNair, Jr and Capt Josef Reinsprecht. illus por USA Avn Dig pt 1, 28:38-44 Jun '82; pt 2, Concepts, doctrine and tactics panel. 28:8-13 Jul '82; pt 3, Organization and force structure panel. 28:36-39 Sep '82; pt 4, The training panel. 28:2-8 Oct '82; pt 5, The materiel panel. 28:9-13 Oct '82

Co-operation and complementarity for defence of the Muslim world. Gen Bahy El-Din Mohamed Nofal. Islamic Def Rev 7, No.1: 13-23 '82

The development of Soviet military doctrine. C.N. Donnelly. Reprinted from International Defense Review 14, No.12:1589-1596 '81. illus Mil Rev 62:38-51 Aug '82

The essential Clausewitz. B.M. Simpson III. Nav War Col Rev 35:54-61 Mar-Apr '82

The hazard of old assumptions. Col Theodore Vander Els. illus Armed Forces J Intl 120: 36-37 Oct '82

The historical elements of Mahanian doctrine. Thomas R. Pollock. Nav War Col Rev 35:44-49 Jul-Aug '82

History and modern battle. Col T.N. Dupuy. illus Army 32:18-22+ Nov '82

Infantry: A prevailing theme. LT Peter W. Harris. illus Infantry 72:16-20 Jul-Aug '82

Infantry and air defense in the airland battle. MajGen David E. Grange, Jr. Air Def Mag, pp 24-25, Oct-Dec '81

Military history: Is it still practicable? Jay Luvaas. Parameters 12:2-14 Mar '82

Military logistics . . . toward improved effectiveness. Col Fred Gluck, Ret. Log Spectrum 16:30-35 Winter '82

Military reform and the art of war. Steven L. Canby. tabs Intl Sec Rev 7:245-268 Fall '82

Military science as a factor contributing to victory in war. LtGen M. Kiryan. Soviet Mil Rev No.10:11-13 Oct '82

The new FM 100-5. LtCols Huba Wass de Czege and L.D. Holder. illus Mil Rev 62:53-70 Jul '82

Notes on war potential. RADM Henry E. Eccles, Ret. Log Spectrum 16:17-18 Summer '82

Of trees and leaves--a new view of doctrine. LtCol Dennis M. Drew. AU Rev 33:40-48 Jan-Feb '82

MILITARY ART AND SCIENCE - Continued

(Soviet Navy) their professional journal.
CAPT Roger W. Barnett and Edward J. Lacey.
illus US Nav Inst Proc 108:95-101 Oct '82

Spectrum monopoly matrix (used to analyze
and evaluate the effectiveness of inte-
grated air defense). Fred Duncan. illus
Air Def Mag, pp 30-33, Oct-Dec '81

Strategy flexibility and logistics. RADM
Henry E. Eccles, Ret. Paper, Institute of
the Aerospace Sciences Navy National Avia-
tion Meeting, San Diego, CA, 22 Aug 1961.
Log Spectrum 16:19-23 Summer '82

Surprise (a basic principle of military
doctrine). LtCol José Sánchez Méndez. map
illus AU Rev 33:34-43 Nov-Dec '81

To provide for the common defense. Harry G.
Summers, Jr. Parameters 12:2-10 Sep '82

Turf philosophy hard on doctrine cohesion.
John R. Cameron. Army 32:20-23 Aug '82

The value of man in the Islamic military
thought. MajGen Muhammad Gamal El-Din
Mahfouz. Islamic Def Rev 7, No.1:9-12
'82

What's on military minds. Jack Perry. Armed
Forces J Intl 120:112-115 Sep '82

Where have all the 'foreverisms' gone? Col
Holland E. Bynam. illus Army 32:18-21+
Jan '82

Why Guard officers should study Clausewitz.
Col John C. Cole. illus Natl Guard 36:17-18
Oct '82

MILITARY ASSISTANCE PROGRAM

See also
Security Assistance Program

History

Restoring democracy to its birthplace: Ameri-
can assistance to post-war Greece. Col
Angelo de Guttadauro. map Air Def Mag,
pp 9-12, Oct-Dec '81

MILITARY BASES

See also
Air Bases
Army Posts
Inactivation of Installations and Units
Marine Corps Bases
Missile Bases
Naval Bases

Australia

ANZUS: The politics of an alliance. P. Lewis
Young. map Asian Def J No.12:66-67+ Dec '82

Pakistan

A new round of American installations in
Pakistan. Zulfikar A. Khalid. map Asian
Def J No.5:29+ May '82

MILITARY BASES - ContinuedUnited States

Collocated operating bases: A good idea that
needs funding. Tidal McCoy. illus Natl
Guard 36:28-30 Aug '82

No homes for over a thousand aircraft?
(Interview with Tidal W. McCoy) LuAnne K.
Levens. illus Armed Forces J Intl 119:96-97
May '82

Fort Eustis, VA

U.S. Army Transportation School, Ft. Eustis,
(VA). MajGen Harold I. Small. illus Translog
13:10-13 Apr '82

MILITARY BASES, AMERICANPhilippines

America's vital bases in the Philippines.
Michael Richardson. illus Pac Def Rep 9:
64-65+ Jul '82

MILITARY CEREMONIES, HONORS AND SALUTES

All-military super troopers: The Honor Guard.
Christine Adamec. illus Sergeants 20:18-19
Apr '82

The evening parade. LtCol John H. Admire.
illus MarCor Gaz 66:33-36 Jul '82

Salute!!! illus Fld Arty J 50:26-31 Mar-Apr
'82

MILITARY-CIVIL RELATIONS

American civilian and military elites in the
progressive era. Andrew J. Bacevich, Jr.
Armed Forces & Soc 8:405-418 Spring '82

CIMIC (Civil-Military Cooperation): A force
multiplier for the combat commander. Col
James R. Compton. illus Mil Rev 62:12-19
Feb '82

Civil affairs for the eighties. Maj Philip
Gold. illus MarCor Gaz 66:58-63 Oct '82

A crisis in self-image: The role of the
military in American culture. Donald Atwell
Zoll. Parameters 12:24-31 Dec '82

Guardsmen and their employers. Capt Arthur E.
House. illus Natl Guard 36:12-15 May '82

Indonesia's political course firmly set.
Col Colin East. illus Pac Def Rep 9:53-56
Jul '82

The Navy as neighbor. CAPT Andrew C.A. Jam-
poler. illus US Nav Inst Proc 108:50-56
Sep '82

The problem of military elite cohesion in
Eastern Europe--the case of Czechoslovakia.
Condoleezza Rice. AU Rev 33:64-74 Jan-Feb
'82

The relationship between senior Navy civilian
and military executives. Laurie A. Broedling
and others. tabs Nav War Col Rev 34:78-89
Nov-Dec '81

MILITARY-CIVIL RELATIONS - Continued

The role of the military in Turkish politics.
Maj Maxwell O. Johnson. AU Rev 33:49-63
Jan-Feb '82

The role of the military in Turkish society.
Maj Charles L. Stewart. illus Jt Persp
3:3-13 Summer '82

MILITARY CONFERENCES see Conferences, Military

MILITARY CORRESPONDENCE see Correspondence,
Military

MILITARY DEPENDENTS see Family Members

MILITARY EDUCATION see
Education, Scientific
Education, Technical
Education and Training

MILITARY ENGINEERING

Air base survivability. Col Darrell G. Bittle.
illus AF Engrg & Svcs Qtr 23:7-13 Spring
'82

Air Force engineering--our solemn obligation.
MajGen William D. Gilbert. por chart illus
Mil Engr 74:16-19 Jan-Feb '82

Army engineers: Professionalism and integ-
rity. LtGen J.K. Bratton. chart illus tabs
por Mil Engr 74:4-8 Jan-Feb '82

British military engineering. Philip S. Bul-
son. illus Mil Engr 74:198-200 May-Jun '82

Civilian vs military engineer careers--a
view from the other side. Chester L. Lucas.
Mil Engr 74:108-110 Mar '82

Coast Guard engineering: Productivity chal-
lenges. RADM R.S. Lucas. chart illus tabs
por Mil Engr 74:24-27 Jan-Feb '82

Eight facility design projects capture
awards. illus AF Times 42:16 Mar 8 '82

Engineer combat multipliers for the maneuver
force. Col James R. Whitley and others.
illus tabs Mil Rev 62:43-51 Sep '82

Engineer support: The key to successful
mechanization. Maj Charles O. Skipper.
illus tabs MarCor Gaz 66:62-67 Jan '82

Facilities readiness. Interview. MajGen
(William D.) Gilbert. illus por AF Engrg
& Svcs Qtr 22:4-7 Winter '81/'82

A movement support detachment. Col V.
Kholyavko. illus Soviet Mil Rev No.10:26-27
Oct '82

On omens & oracles (on whether to dig fight-
ing positions for tanks). Col Gerald C.
Brown. tab illus Mil Rev 62:52-56 Sep '82

Operators & engineers: Readiness partners.
LtGen Philip C. Gast. illus por map AF Engrg
& Svcs Qtr 22:8-12 Winter '81/'82

Reinforced earth: A solution to site engi-
neering problems. John M. Carey. illus Mil
Engr 74:190-193 May-Jun '82

MILITARY ENGINEERING - Continued

62d Annual Meeting (San Antonio, Apr 21-24,
1982). illus Mil Engr 74:311-320 Jul-Aug
'82

Soviet engineers--mountain operations sup-
port. Capt F. Michael Real. illus Mil Engr
74:454-457 Nov-Dec '82

Wartime survivable E&S command and control.
LtCol Richard J. Bergholz. illus AF Engrg &
Svcs Qtr 22:30-31 Winter '81/'82

MILITARY EXPORT SALES see Arms Sales

MILITARY GEOGRAPHYSinai Peninsula

The wars of Israel in Sinai: Topography
conquered. Arnon Soffer. map illus Mil
Rev 62:60-72 Apr '82

United States

Digital terrain analysis data: A critical
element in future tactical C3I. Maj Edwin
E. Neel, Jr and others. Signal 36:51-54
Mar '82

MILITARY GOVERNMENT

See also
Martial Law

Soviets meet Americans in Berlin: Confronta-
tion in July. Kaye Martin Johnson. illus
Army 32:24-28+ Jul '82

MILITARY HISTORY

See also subdivision History under
specific Services

All-Black Guard Infantry regiments leave
mark on military history. illus Natl Guard
36:17-18 May '82

Documenting the Southeast Asia air war: Red
Baron II and III. James R. Hinds. illus
Aerosp Hist 29:191-194 Sep '82

Forty years of Army Aviation. BrigGen William
W. Ford, Ret. illus USA Avn Dig pt 1, Grass-
hoppers. 28:2-10 Jun '82; pt 2, Building a
training program. Richard K. Tierney.
28:23-36 Jul '82; pt 3, Combat. 28:19-32
Aug '82; pt 4, Armed helicopters. 28:31-35
Sep '82; pt 5, Policies and organizations.
28:28-35 Oct '82

Historical MILPERCEN site. Capt Peter C.
Eisen. illus Fld Arty J 50:43-45 Sep-Oct '82

History. Regular feature in issues of Armada
International

An intelligence case history: The defense of
Osuga, 1942. David Kahn. illus map Aerosp
Hist 28:242-252 Dec '81

Lessons from the past (how Japanese naval
leaders used history). Saburo Toyama. illus
US Nav Inst Proc 108:62-69 Sep '82

Military history: Is it still practicable?
Jay Luvaas. Parameters 12:2-14 Mar '82

MILITARY HISTORY - Continued

Past as prologue? The relevance of the Great War. Capt Gary P.Cox. Review essay. AU Rev 33:93-98 Jul-Aug '82

Project Warrior. TIG Brief 34:3 Oct 11 '82

Project Warrior. LtGen Jerome F.O'Malley. TIG Brief 34:2 May 28 '82

Strategic analysis and MX deployment. Col Thomas A.Fabyanic, Ret. Adapted from chapter in National Security Issues: Choices and Limits, edited by Stephen J.Cimbala. Strat Rev 10:29-35 Fall '82

Study and Teaching

History and modern battle. Col T.N.Dupuy. illus Army 32:18-22+ Nov '82

MILITARY JUSTICE

See also
Uniform Code of Military Justice

Boards of justice. Tom Kiddoo. illus Soldiers 37:34-36 Oct '82

(Chief Judge Robinson O.) Everett: Military justice 'more hard-boiled.' Tom Philpott. AF Times 43:2 Nov 29 '82

The commander-attorney relationship. Maj Danford F.Carroll and Capt Rita R.Carroll. Infantry 72:27-30 Sep-Oct '82

Discipline and justice in the Armed Forces. Col Norman R.Thorpe. AU Rev 33:57-68 Nov-Dec '81

(MajGen Thomas B.) Bruton: Military justice fairest of all. Sgt David W.Givans. por AF Times 42:50 Apr 19 '82

Mobilization for a European war: The impact of habeas corpus. Maj Jon P.Bruinooge. AF Law Rev 22, No.3:205-281 '81/'82

The propriety of argument by trial defense counsel for bad-conduct discharge. Capt Robert D.Higginbotham. AF Law Rev 22, No.1: 81-94 '80/'81

UCMJ (Uniform Code of Military Justice) bill would stiffen sentences. Martha Lynn Craver. AF Times 42:3 Jul 12 '82

MILITARY LAW

See also
Military Justice

NATO logistics support: Process and perspective. Maj Jeffrey W.Cook. AF Law Rev 22, No.3:282-301 '81/'82

Soviet Union

What makes Ivan fight? LtCol William P. Baxter, Ret. illus Army 32:37-39 Mar '82

MILITARY LAW - ContinuedUnited States

See also
Court of Military Appeals
Courts-Martial
Uniform Code of Military Justice

The ethical charge to counsel. Capt Alan J. Spilker. AF Law Rev 22:101-119 '80/'81

Hypnosis as a criminal investigative technique in the Department of Defense. Maj James A.Johnson, Jr. tabs AF Law Rev 22, No.1:20-58 '80/'81

Malpractice and the military lawyer: The gathering storm. Col Robert G.Douglass. AF Law Rev 22, No.1:1-19 '80/'81

Mobilization for a European war: The impact of habeas corpus. Maj Jon P.Bruinooge. AF Law Rev 22, No.3:205-281 '81/'82

MILITARY LIFE

Antidrug head says traditional values should be pushed. Paul Smith. AF Times 42:14 Mar 22 '82

Embarkation. Capt John D.McGuire. Infantry 72:11-12 May-Jun '82

1981 productive year; challenges remain. illus Officer 58:19-21 Mar '82

The people part of the equation: The real problem is retention. Jean Ebbert. illus Sea Power 25:35+ Feb '82

Political socialization in the Soviet military. Ellen Jones and Fred W.Grupp. Armed Forces & Soc 8:355-387 Spring '82

The stress of command. Jay Finegan. AF Times, Times Magazine sup:4-8 Jan 11 '82

What makes Ivan fight? LtCol William P. Baxter, Ret. illus Army 32:37-39 Mar '82

MILITARY MANPOWER see Manpower, Military

MILITARY MEDICINE

The Aerospace Medicine Council. TIG Brief 34:15 Nov 15 '82

Medical unit survival on the modern battlefield. LtCol Richard J.Berchin. illus Mil Rev 62:62-74 Jun '82

Nursing service committees. TIG Brief 34:16 Nov 15 '82

Of battle and disease: The East African campaign of 1914-18. John Sloan Brown. map Parameters 12:16-24 Jun '82

MILITARY MISSIONS

Definitions of mission among novice Marine Corps officers. David F.Burrelli and David R.Segal. tabs J Pol & Mil Sociol 10:299-306 Fall '82

MILITARY OCCUPATION

See also
Korea--Military Occupation, Allied

Disagreeable work: Pacifying the Moros, 1903-1906. Maj Andrew J. Bacevich, Jr. illus Mil Rev 62:49-61 Jun '82

Russians in Afghanistan to stay. Denis Warner. Pac Def Rep 8:29-30 Mar '82

Soviets meet Americans in Berlin: Confrontation in July. Kaye Martin Johnson. illus Army 32:24-28+ Jul '82

MILITARY OCCUPATION SPECIALTY see Personnel
Classification--Army--U.S.

MILITARY OFFENSES see Crimes and Misdemeanors

MILITARY PLANNING

The Air Force antiterrorism program: Planning and flexibility the key. TIG Brief 34:18 Apr 30 '82

Army 86. SSgt Vickey Mouze. illus Soldiers 37:16-18 Feb '82

The artillery position directory--moving fast to mass. Col Bruce P. Holmburg. Fld Arty J 50:10-11 Mar-Apr '82

The battle on the German frontier. LtCol Barry R. McCaffrey. Mil Rev 62:62-70 Mar '82

C³CM--a deadly art. Maj R.C. Anderson. illus tab J of Elect Def 5:60-63 Apr '82

Cost-effectiveness: Some thoughts on its meaning for the Royal Air Force. GpCapt D.G. Campbell. Hawk, pp 56-63, Feb '82

Defense, war-fighting and deterrence. Colin S. Gray. Nav War Col Rev 35:38-43 Jul-Aug '82

The first air commandos. Luigi Rossetto. illus Aerosp Hist 29:2-12 Mar '82

Force deployment and sustainment: A bold new approach. Maj Clark B. Russell. illus AF J Log 6:5-9 Spring '82

Getting there (high cost of logistics determines strategic projection in the future planning of any state). Thomas Glakas. illus Def & For Aff 9, No.14:23-26 '81

Implementing a maneuver style of war. Capt Anthony M. Coroalles. illus Mil Rev 62:20-25 Dec '82

The long term defence programme. Rolf Brand. illus NATO's Fifteen Nations 27:46-47+ Oct-Nov '82

Manpower models as tools of military planning. Murray W. Rowe. illus Def Mgt J 18:20-25 Fourth Quarter '82

Medical readiness in transition. TIG Brief 34:13-14 Jun 11 '82

MILITARY PLANNING - Continued

Operators & engineers: Readiness partners. LtGen Philip C. Gast. illus por map AF Engrg & Svcs Qtr 22:8-12 Winter '81/'82

Outlook for NATO communications. Larry K. Wentz and Gope D. Hingorani. map Signal 37:53-59 Dec '82

POMCUS (Prepositioning Of Materiel Configured in Unit Sets): Feasibility or flaw? Moving thousands of troops to dozens of sites to draw equipment. Col W.D. McGlasson, Ret. illus Natl Guard 36:19-22 Apr '82

Planning the Pearl Harbor attack: A study in military politics. Michael A. Barnhart. illus Aerosp Hist 29:246-252 Dec '82

Programs needed to combat nonviolent acts. Leonard Famiglietti. AF Times 43:7 Aug 16 '82

Should naval officers be strategists? Berend D. Bruins. illus US Nav Inst Proc 108:52-56 Jan '82

"A smoking radiating ruin at the end of two hours": Documents on American plans for nuclear war with the Soviet Union, 1954-1955. David A. Rosenberg. tab Intl Sec 6:3-38 Winter '81/'82

Strategic concepts for the 1980s. Col William O. Staudenmaier. Mil Rev pt 1, 62:36-50 Mar '82; pt 2, 62:38-59 Apr '82

Uncertainties for the Soviet war planner. Benjamin S. Lambeth. Intl Sec 7:139-166 Winter '82/'83

War plans: Key to readiness. TIG Brief 34:10 Sep 27 '82

Whither U.S. naval strategy? RADM Robert J. Hanks, Ret. por Strat Rev 10:16-22 Summer '82

Study and Teaching

Aircraft survivability through tactical simulation. Bruce S. Betschart. illus J of Elect Def 5:69+ Sep '82

Did we learn anything from that exercise? Could we? Frederick Thompson. Nav War Col Rev 35:25-37 Jul-Aug '82

MILITARY POLICE

Air Force Law Enforcement Terminal System. TIG Brief 34:4 Oct 25 '82

CMA: SPs may search on entry and exit. AF Times 43:16 Aug 2 '82

Peacekeeper armored response and convoy vehicle. TIG Brief 34:7 Jan 8 '82

Release of uniform police traffic collision report (AF Form 1315). TIG Brief 34:11 Feb 19 '82

Report on SP drug abuse disputed. Don Mace. AF Times 43:12 Aug 30 '82

MILITARY POLICE - Continued

SEI (Special Experience Identifiers) management. TIG Brief 34:11 Mar 5 '82

The security police role in fraud, waste, and abuse identification and prevention. TIG Brief 34:11 Jul 9 '82

When EST (Emergency Services Team) is best. 2dLt Margaret L. Comstock. illus Airman 26:24-27 Nov '82

MILITARY POLICY

Nuclear weapons and the Atlantic Alliance. McGeorge Bundy and others. Reprinted from Foreign Affairs, Spring 1982. Parameters 12:79-87 Jun '82

Australia

The alternative defence policy. Gordon Scholes. illus Pac Def Rep 8:20-23 Mar '82

Defending Australia and its interests. W.B. Pritchett. Pac Def Rep 9:58-60+ Jul '82

The Utz Committee (Australian Defence Review Committee): Time and tide do not wait. A.W. Grazebrook. illus Pac Def Rep 8:36-37+ Feb '82

Belgium

Belgium (contributes to the Atlantic Alliance's strategy of deterrence and defence). Gen Willy Gontier. illus NATO's Fifteen Nations Special Issue No.2:46-47 '81

Canada

Canada (committed to the defence of the NATO area). Gen Ramsey M. Withers. illus NATO's Fifteen Nations Special Issue No.2:48-50 '81

Canada's defense debacle. Maj Jeffrey G. Gil-mour. illus US Nav Inst Proc 108:110-116 Mar '82

Denmark

Denmark. MajGen Niels Holst-Sørensen. illus NATO's Fifteen Nations Special Issue No.1:22 '82

France

The course of French defense policy. Peter J. Berger. Parameters 12:19-26 Sep '82

The French armed forces under Mitterand. Clare Hollingworth. illus Def & For Aff 9:10-14 Oct '81

French political parties and defense policy--divergences and consensus. Pierre Dabezies. Armed Forces & Soc 8:239-256 Winter '82

Mitterand: Directions for the French military. Alex Gliksman. illus Natl Def 66:25-28+ Jan '82

The nuclear armament of France. François de Rose. illus NATO's Fifteen Nations 27:28+ Feb-Mar '82

MILITARY POLICY - ContinuedFrance - Cont'd

Political and military background for France's intervention capability. George H. Wittman. AEI For Plcy & Def Rev 4, No.1:12-17 '82

The politics of French security policy. Anton W. DePorte and Hugh De Santis. AEI For Plcy & Def Rev 4, No.1:27-31 '82

Germany (West)

New guidelines for German arms exports. Mil Tech 6:102+ Aug '82

Great Britain

Britain's strategic nuclear deterrent. John Barraclough. illus NATO's Fifteen Nations 27:32-33+ Feb-Mar '82

The elements of British security policy. Arthur Cyr. Armed Forces & Soc 8:389-404 Spring '82

United Kingdom. ACM Michael Beetham. illus NATO's Fifteen Nations Special Issue No.1:41-42 '82

UK air defence--a NATO necessity. AVM P.R. Harding. Hawk, pp 15-26, Feb '82; NATO's Fifteen Nations Special Issue No.1:54-55+ '82

United Kingdom (and the collective defence arrangements of NATO). FAdm Terence Lewin. illus NATO's Fifteen Nations Special Issue No.2:66+ '81

History

Outsiders' influence on defence policy. Brian Bond and Lawrence Freedman. RUSI J for Def Studies pt 1, 127:10-18 Mar '82; pt 2, 127:3-11 Jun '82

Greece

The Greek military regime (1967-1974) and the Cyprus question--origins and goals. Constantine P. Danopoulos. tab J Pol & Mil Sociol 10:257-273 Fall '82

Iran

Military policy and strategy in the (Persian) Gulf War. William O. Staudenmaier. map Parameters 12:25-35 Jun '82

Iraq

Military policy and strategy in the (Persian) Gulf War. William O. Staudenmaier. map Parameters 12:25-35 Jun '82

Israel

The Israeli raid on Iraq: A new proliferation landscape. Amos Perlmutter. illus Strat Rev 10:34-43 Winter '82

Latest Mideast war underscores Israel's fighting trim. Ze'ev Schiff. illus Armada Intl 6:98+ Jul-Aug '82

MILITARY POLICY - ContinuedJapan

Japanese security policy--a time for strategy. Hisahiko Okazaki. Intl Sec 7:188-197 Fall '82

N A T O

Defense in democracies--the public dimension. Francis Pym. Intl Sec 7:40-44 Summer '82

Deterrence and arms control--NATO's security policy. Friedrich Ruth. illus NATO's Fifteen Nations 27:14-16+ Feb-Mar '82

Military issues within the Atlantic Alliance. Brig Kenneth Hunt. Nav War Col Rev 35:48-57 Sep-Oct '82

Public opinion and alliance security. Geofrey E. Pattie. illus Strat Rev 10:71-79 Spring '82

Tactical nuclear weapons in Europe. Jonathan Alford. NATO's Fifteen Nations Special Issue No.2:76-78+ '81

Netherlands

The Netherlands (gateway to Europe). Gen C. De Jager. NATO's Fifteen Nations Special Issue No.2:62+ '81

Norway

Norway and the bear--Soviet coercive diplomacy and Norwegian security policy. Robert K. German. Intl Sec 7:55-82 Fall '82

Portugal

Portugal. Gen Jose Lemos Ferreira. illus NATO's Fifteen Nations Special Issue No.1:37+ '82

Soviet Union

Afghanistan: What impact on Soviet tactics? MSgt William T. Beck and others. illus maps Mil Rev 62:2-11 Mar '82

Britain's choice of threats. James Cable. illus US Nav Inst Proc 108:26-32 Aug '82

The development of Soviet military doctrine. C.N. Donnelly. Reprinted from International Defense Review 14, No.12:1589-1596 '81. illus Mil Rev 62:38-51 Aug '82

8th annual Soviet aerospace almanac. illus charts tabs AF Mag 65:38-60+ Mar '82

The ideological underpinnings of Soviet military thought. Comodoro José C.D. Odorico. AU Rev 33:40-49 Mar-Apr '82

Manning the Soviet military. Ellen Jones. tabs Intl Sec 7:105-131 Summer '82

The military and militarism in Soviet society. Dimitri K. Simes. Intl Sec 6:123-143 Winter '81/'82

MILITARY POLICY - ContinuedSoviet Union - Cont'd

Military power is the root of Soviet expansionism. Edgar Ulsamer. AF Mag 65:38-42+ Mar '82

Mutual deterrence and strategic arms limitation in Soviet policy. Raymond L. Garthoff. Strat Rev 10:36-51 Fall '82

New trends in the Soviet Navy. Norman Friedman. illus NATO's Fifteen Nations 27:42-45 Jun-Jul '82

Scorched-earth policy: Soviets in Afghanistan. Maj John M. Hutcheson. illus Mil Rev 62:29-37 Apr '82

Soviet naval policy in the Caribbean. Capt Tom Linn. illus Def & For Aff 10:10-12 Jan-Feb '82

Soviet policy in the Far East: Search for strategic unity. Patrick J. Garrity. illus Mil Rev 62:26-38 Dec '82

Soviet strategic doctrine: Another view. Richard Pipes. Strat Rev 10:52-58 Fall '82. Rebuttal. Raymond L. Garthoff 10:58-63 Fall '82

The strategic importance of Turkestan for the Soviet Union and the Muslim world. Baymirza Hayit. map Islamic Def Rev 7, No.3:7-11 '82

Spain

Close up on Spain. Guidelines of the Spanish defence policies. Interview with Alberto Oliart Saussol, Minister of Defence. illus Mil Tech 6:79-81 Mar '82

United States

The American character and military policy. Herbert London. Def Sci 2000+ 1:60-62 May-Jun '82

American strategic posture: A different perspective. Laurence W. Beilenson. Address, Public Policy Seminar, New York University, NY. illus Def Sci 2000+ 1:12-14+ May-Jun '82

An armed forces staff. William G. Hanne. chart Parameters 12:53-62 Sep '82

Decade of 1980s to see new Reserve. (Address, Air Section's planning conference, Indianapolis) Ernest E. Garcia. illus Officer 58:17-19 Jan '82

From the Hill. Regular feature in issues of Military Science & Technology

Geopolitics: Predictions for the year 2000. ADM E.R. Zumwalt, Jr, Ret. Def Sci 2000+ 1:46-55 May-Jun '82

The hazard of old assumptions. Col Theodore Vander Els. illus Armed Forces J Intl 120:36-37 Oct '82

MILITARY POLICY - ContinuedUnited States - Cont'd

- How does the DA (Department of the Army) work . . . really? Tom Kiddoo. illus Soldiers 37:28-30 Apr '82
- Instrument of U.S. imperialism. T. Belashchenko. illus Soviet Mil Rev No. 11:46-47 Nov '82
- Issues facing the new administration. Albert C. Pierce. tab AEI For Polcy & Def Rev 3, No. 4-5:47-70 '81
- John McAuley Palmer and the Reserve components. Jonathan M. House. Parameters 12: 11-18 Sep '82
- Military power and industrial competitiveness: The industrial dimension of military strategy. James R. Kurth. Nav War Col Rev 35:33-47 Sep-Oct '82
- Operators & engineers: Readiness partners. LtGen Philip C. Gast. illus por map AF Engrg & Svcs Qtr 22:8-12 Winter '81/'82
- Pentagon rebuts charges of U.S. military weakness. Def Monitor 9, No. 8A: entire issue '81
- Policies, prices, and presidents: The need to enlighten the great choices in national security. Russell Murray II. illus Armed Forces J Intl 119:56-60 Jun '82
- Policies that shape the Officer Corps. LtCol J. M. Dwyer. tabs MarCor Gaz 66:54-58 Mar '82
- Policy, strategy, & the budget: A new look at resources and approaches. Caspar W. Weinberger. illus tabs Defense/82, pp 2-9+, May '82
- Preparing for nuclear war: President Reagan's program. map tabs illus Def Monitor 10, No. 8: entire issue '82
- Question for U.S. strategic modernization: Why "ride out" a Soviet attack? Blair Stewart. illus Strat Rev 10:44-52 Spring '82
- The Reagan defense program: A focus on the strategic imperatives. Fred Charles Iklé. illus Strat Rev 10:11-18 Spring '82
- The Reagan defense program: Can it hold up? Herschel Kanter. illus tabs Strat Rev 10: 19-34 Spring '82
- Realism in the defense budget. Edgar Ulsamer. AF Mag 65:46-51 Apr '82
- Realities of American power in the 1980s. Marshal Neil Cameron and Gen Harry Tuzo. RUSI J for Def Studies 127:3-9 Mar '82
- A Russian views armies in the West. Adapted from the Red Star (Krasnaya Zvezda) Moscow, Jan 27 '82. MajGen V. Serebryannikov. illus Mil Sci & Tech 2:18-21 '82
- Seeking a consensus for the common defense. Caspar W. Weinberger. illus Defense/82, pp 2-8, Dec '82

MILITARY POLICY - ContinuedUnited States - Cont'd

- The Soviet scorecard on the Reagan administration's first year. Leon Gouré. AF Mag 65:64+ Mar '82
- Space-based laser BMD (Ballistic Missile Defense): Strategic policy and the ABM Treaty. Keith B. Payne and Rebecca V. Strode. Intl Sec Rev 7:269-288 Fall '82
- Strategic concepts for the 1980s. Col William O. Staudenmaier. Mil Rev pt 1, 62:36-50 Mar '82; pt 2, 62:38-59 Apr '82
- The system will change. Edgar Ulsamer. Interview. illus por AF Mag 65:38-41 Jul '82
- Uncertainties for the Soviet war planner. Benjamin S. Lambeth. Intl Sec 7:139-166 Winter '82/'83
- U.S. defense budgets--the right priorities? Col T. N. Dupuy. illus tab Armed Forces J Intl 119:91-93 Apr '82
- U.S. strategic forces: How would they be used? Desmond Ball. Intl Sec 7:31-60 Winter '82/'83
- Why an Air Force? F. Clifton Berry, Jr. Interview. illus por AF Mag 65:42-46 Jul '82

History

- The national security process: Plus ça change . . . ? William P. Bundy. Intl Sec 7:94-109 Winter '82/'83
- Outsiders' influence on defence policy. Brian Bond and Lawrence Freedman. RUSI J for Def Studies pt 1, 127:10-18 Mar '82; pt 2, 127:3-11 Jun '82
- The pioneer plan for air war. DeWitt S. Copp. AF Mag 65:74-78 Oct '82

MILITARY POWER

* See also
Aerospace Power
Sea Power

- The utility of military forces. LtGen Raymond B. Furlong, Ret. AU Rev 33:29-33 Nov-Dec '81

Statistics

- The military balance. International Institute for Strategic Studies. tabs charts map Pac Def Rep 8:67-168+ Dec '81/Jan '82
- The Military Balance: 1981/82. International Institute for Strategic Studies. illus tabs Aerosp Intl 17: entire issue Jan-Feb '82
- The Military Balance: 1982/83. International Institute for Strategic Studies. illus tabs maps AF Mag 65:61-70+ Dec '82
- The Military Balance 82-83. International Institute for Strategic Studies. tabs illus Asian Def J pt 1, No. 12:14+ Dec '82

MILITARY POWER - ContinuedEurope, Eastern

Soviet order of battle. Table only. Def
Elect 14:65 Jan '82

France

French defense: An American appreciation.
John H.Kelly. tabs AEI For Plcy & Def Rev
4, No.1:41-46 '82

Great Britain

(John) Nott speaks out--an interview with
Britain's Secretary of State for Defence.
Intl Def Rev 14, No.12:1569-1570 '81

Israel

Latest Mideast war underscores Israel's
fighting trim. Ze'ev Schiff. illus Armada
Intl 6:98+ Jul-Aug '82

Korea (North)

Korea: Force imbalances and remedies. Donald
R.Cotter and N.F.Wikner. illus tabs Strat
Rev 10:63-70 Spring '82

Middle East

Middle East armed forces--oil wealth, oil
watch. Jay G.Walden. illus map Armada Intl
6:84-86+ Jan-Feb '82

N A T O

The Europeanization of NATO: A restructured
commitment for the 1980s. Jeffrey Record.
AU Rev 33:23-28 Sep-Oct '82

Soviet Union

The continuing evolution of the Soviet ground
forces. Donald L.Madill. illus Mil Rev 62:
52-68 Aug '82

8th annual Soviet aerospace almanac. illus
charts tabs AF Mag 65:38-60+ Mar '82

From the crest all directions are down: The
Soviet Union views the 1980s. Daniel S.
Papp. Nav War Col Rev 35:50-68 Jul-Aug '82

The ideological underpinnings of Soviet
military thought. Comodoro José C.D'Odorico.
AU Rev 33:40-49 Mar-Apr '82

Meeting challenges to U.S. security interests
in the western hemisphere. Rep Jack Kemp.
Intl Sec Rev 7:125-133 Summer '82

The military and militarism in Soviet society.
Dimitri K.Simes. Intl Sec 6:123-143
Winter '81/'82

Military power is the root of Soviet expan-
sionism. Edgar Ulsamer. AF Mag 65:38-42+
Mar '82

MILITARY POWER - ContinuedSoviet Union - Cont'd

Modernization and growth of the USSR's armed
forces. LtGen James A.Williams. illus map
J of Elect Def 5:23-24+ Aug '82

Ne po shablonu (not by pattern): Soviet
tactical flexibility. LtCol Richard S.
Kosevich. illus Mil Rev 62:24-32 Aug '82

On creating an enemy. Robert B.Bathurst. Nav
War Col Rev 34:14-26 Nov-Dec '81

The principle of mass in Soviet tactics
today. Maj John G.Hines. illus Mil Rev 62:
13-23 Aug '82

The risks of far-flung deployment. Albert L.
Weeks. illus tab Mil Sci & Tech 2, No.1:50-
59 '82

Soviet arms buildup threatens parity with the
west. Glenn E.Wasson. illus tab Def Elect
14:62+ Jan '82

Soviet force development. James Hansen. illus
Natl Def pt 1, 66:16-19 Oct '81; pt 2, 66:
22-27 Nov '81; pt 3, 66:27-30+ Feb '82

Soviet global power projection. Map only.
Defense/82, pp 10-11, May '82

Soviet military forces. map illus tabs
Defense/82, pp 16-17, Mar '82

Soviet military power: Questions and answers.
Def Monitor 11, No.1: entire issue '82

Soviet snow job. CAPT E.J.Thaubald. illus
US Nav Inst Proc 108:62-68 Jun '82

Strategic choice and maritime capabilities.
Adm James Eberle. illus US Nav Inst Proc
108:64-72 Apr '82

Strategic modernization. James P.Wade, Jr.
illus Defense/82, pp 2-11, Oct '82

Their (Soviet Union) carrier battle group.
LCDR T.J.McKearney. illus US Nav Inst Proc
108:73-81 Dec '82

United States

American strategic posture: A different per-
spective. Laurence W.Beilenson. Address,
Public Policy Seminar, New York University,
NY. illus Def Sci 2000+ 1:12-14+ May-Jun
'82

Can we be secure with a nuclear freeze? Gen
David C.Jones. illus tabs Defense/82,
pp 12-19, Jul '82

M-X and the balance of power: Reasserting
America's strength. Anthony H.Cordesman.
illus tabs Armed Forces J Intl 120:21-22+
Dec '82

Military power and industrial competitive-
ness: The industrial dimension of military
strategy. James R.Kurth. Nav War Col Rev
35:33-47 Sep-Oct '82

Power projection, risk and the light force.
Col Peter J.Boylan. illus Mil Rev 62:62-69
May '82

MILITARY POWER - ContinuedUnited States - Cont'd

The program for a stronger Navy: On course
... full speed ahead! John Lehman. illus
Defense/82, pp 18-24, Oct '82

The risks of far-flung deployment. Albert L.
Weeks. illus tab Mil Sci & Tech 2, No.1:50-
59 '82

Soviet military power: Questions and answers.
Def Monitor 11, No.1: entire issue '82

Strategic modernization. James P.Wade, Jr.
illus Defense/82, pp 2-11, Oct '82

The U.S. Army's future Light Infantry Divi-
sion: A key element of the RDF. Ramon Lopez.
illus Intl Def Rev 15, No.2:185-192 '82

U.S. strategic buildup can deter Soviet
supremacy. Sen David L.Boren. tab Intl Sec
Rev 6:411-436 Winter '81/'82

MILITARY RESEARCH see Research and Development

also specific kinds of research, e.g.,
Space Research

MILITARY SEA TRANSPORTATION SERVICE see Military Sealift CommandMILITARY SEALIFT COMMAND

Almanac of government transportation agen-
cies. illus charts tabs maps Def Trans J
38:11-54 Feb '82

Military Sealift Command. VADM Kent J.Car-
roll. illus tabs map por Def Trans J 38:
21-25 Feb '82

The proposed Military Transportation Command:
Increased readiness & efficiency. Frank C.
Carlucci. illus Defense/82, pp 12-17, Oct
'82

Sealift. Deborah M.Kyle. illus Armed Forces
J Intl 119:57-58 Jul '82

Sealift . . . the Achilles heel of American
mobility. VADM Kent J.Carroll. tab illus
Defense/82, pp 8-13, Aug '82

MILITARY SERVICE, COMPULSORY

See also
National Service

Great Britain

National service--should it be reintroduced?
Maj K.G.F.Dann. RUSI J for Def Studies 127:
30-33 Jun '82

Soviet Union

Manning the Soviet military. Ellen Jones.
tabs Intl Sec 7:105-131 Summer '82

United States

The burden of the draft: The Vietnam years.
Patricia M.Shields. tabs J Pol & Mil Sociol
9:215-228 Fall '81

MILITARY SERVICE, COMPULSORY - ContinuedUnited States - Cont'd

The case against a peacetime draft. Mike
Kelly. Strat Rev 10:64-75 Fall '82

The decision to end the draft: Economics
vs sociology. Maj Robert H.Baldwin. Jt
Persp 3:58-69 Summer '82

Greetings from the President. Tom Kiddoo.
illus Soldiers 37:6-9 Apr '82

Panel (of 55 prominent Americans) sees prob-
able need for draft. AF Times 42:11 Jul 12
'82

Personnel: Greatest problem facing the mili-
tary. Rep G.V.Montgomery. Def Sci 2000+
1:64-67 May-Jun '82

Reagan: Continue, enforce draft sign-up. AF
Times 42:4 Jan 18 '82

Selective Service will go to Social Security
files. Paul Smith. AF Times 42:4 Apr 5 '82

Why not universal military training? Edwin A.
Peoples. illus Mil Engr 74:452-453 Nov-Dec
'82

Statistics

Is it time to reinstate the draft? L.Edgar
Prina. illus Sea Power 25:48-51 Sep '82

MILITARY SERVICE, VOLUNTARYUnited States

The case against a peacetime draft. Mike
Kelly. Strat Rev 10:64-75 Fall '82

Consent and the American soldier: Theory
versus reality. Peter Karsten. Parameters
12:42-49 Mar '82

The decision to end the draft: Economics
vs sociology. Maj Robert H.Baldwin. Jt
Persp 3:58-69 Summer '82

Is the AVF (All-Volunteer Force) too black?
LtCol F.L.Jones. illus MarCor Gaz 66:69-73
Oct '82

Making the volunteer force work. Asst SecDef
Lawrence J.Korb. por tabs illus Defense/82,
pp 2-11, Jan '82

Military manpower and social change--assess-
ing the institutional fit. Franklin C.
Pinch. Armed Forces & Soc 8:575-600
Summer '82

Patriotism and the U.S. all-volunteer mili-
tary. Morris Janowitz. AU Rev 33:31-39
Jan-Feb '82

Personnel: Greatest problem facing the mili-
tary. Rep G.V.Montgomery. Def Sci 2000+
1:64-67 May-Jun '82

Predicting attrition among non-high school
graduate Army enlistees. James S.Blandin
and James H.Morris. tabs Armed Forces &
Soc 8:643-655 Summer '82

MILITARY SERVICE, VOLUNTARY - ContinuedUnited States - Cont'd

2 differ on AVF (All-Volunteer Force) quality. AF Times 42:9 Mar 15 '82

Women in the military: It is really a matter of human power. Barbara J. Oganessoff. Govt Exec pt 1, 14:22+ Feb '82; pt 2, The human power issue--from policy to utilization models to field operations. 14:45+ Mar-Apr '82; pt 3, Women, the mission and combat: The difficult question. 14:50+ May '82; pt 4, Utilization is effective. 14:40 Jun '82; pt 5, Interpreting policy: The battle between attitudes and equity. 14:27-29 Jul '82; pt 6, Women as soldiers: The teamwork is all mental. 14:39-40 Oct '82

MILITARY SERVICE AS A PROFESSION

See also
Career Program

All about DACOWITS (Defense Advisory Committee On Women In The Services). Capt Katie Cutler. illus Airman 26:18-23 Apr '82

The captain's role in reenlistment. CAPT Robert C. Gillette, Ret. illus US Nav Inst Proc 108:69-72 Feb '82

Commitment is the price we pay. CMSgt Arthur L. Andrews. illus por AF Mag 65:105-106 Sep '82

Comparative staffing and advancement patterns--the Air Force and the private sector. Robert Roehrkaase. tabs Armed Forces & Soc 8:601-613 Summer '82

Competence as an ethical imperative. Lewis Sorley. illus Army 32:42-48 Aug '82

Elite selection in the French Army officer corps. Francois Cailleteau. tabs Armed Forces & Soc 8:257-274 Winter '82

From periphery to center--women in the French military. Michel L. Martin. tabs Armed Forces & Soc 8:303-333 Winter '82

Lambs to the slaughter. Capt C.A. Leader. illus MarCor Gaz 66:38-43 Jan '82

A longitudinal test of the Moskos institution-occupation model: A three-year increase in occupational scores. Michael J. Stahl and others. tabs J Pol & Mil Sociol 9:43-47 Spring '81

Officer competence. LtCol Gordon D. Batcheller. MarCor Gaz 66:21-22 Jan '82

Pride in service. Sgt1C Norman Oliver. illus Soldiers 37:6-9 Oct '82

Professionalism from lieutenant to colonel. Maj C. Anne Bonen. AU Rev 33:102-106 Jan-Feb '82

MILITARY SERVICE AS A PROFESSION - Continued

Women in the military: It is really a matter of human power. Barbara J. Oganessoff. Govt Exec pt 1, 14:22+ Feb '82; pt 2, The human power issue--from policy to utilization models to field operations. 14:45+ Mar-Apr '82; pt 3, Women, the mission and combat: The difficult question. 14:50+ May '82; pt 4, Utilization is effective. 14:40 Jun '82; pt 5, Interpreting policy: The battle between attitudes and equity. 14:27-29 Jul '82; pt 6, Women as soldiers: The teamwork is all mental. 14:39-40 Oct '82

MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE
see Military Traffic Management CommandMILITARY TRAFFIC MANAGEMENT COMMAND

Almanac of government transportation agencies. illus charts tabs maps Def Trans J 38:11-54 Feb '82

At your service, DOD. Barbara Cornell. illus Translog 13:14-15 Aug '82

Close up of an MTMC designated Reserve unit. Maj Charles E. Gilreath, Ret. illus Translog 13:1-2 Apr '82

A day in the life of an ops officer. LT Frank M. Adelman. illus Translog 13:7-8 Jun '82

Deployment by sea. Translog 13:19-20 Jun '82

Director, passenger traffic. Interview. tab Translog 13:2-4 Aug '82

How MTMC prepares for an exercise. Translog 13:3-4 Jun '82

MTMC acquires sixth ocean terminal. Juan R. Melendez, Jr. Translog 13:1 Mar '82

MTMC makes Reforger move. Translog 13:1 Oct '82

MTMC names (BrigGen Archer L. Durham) new Vice-Commander. por Translog 13:20 Mar '82

MTMC Reserve units: Strength through readiness. Col Jerry G. Endema. Translog 13:2 Nov '82

MTMC terminal Pusan (Korea). illus Translog 13:10-13 Dec '82

MTMC's inland operations. Translog 13:8-9 Jun '82

Military exercises and MTMC. illus Translog 13:1-2 Jun '82

Military Traffic Management Command. MajGen John D. Bruen. illus por maps Def Trans J 38:31-36 Feb '82

Modular living at sea. Sondi B. Silcio. illus Translog 13:5-6 Oct '82

Motor common carriers and mobilization: Meeting the challenge. Robert R. Weiss. Def Trans J 38:70-75 Feb '82

1981 in review (Military Traffic Management Command). Maj Warren C. Decker. illus Translog 13:2-4 Feb '82

MILITARY TRAFFIC MANAGEMENT COMMAND - Continued MILLIMETER WAVES

Pass the ammunition. LtCol K.L.Kraus. illus
Translog 13:4-5 Jul '82

Pusan terminal supports Team Spirit 82. Maj
James L.Spring. illus Translog 13:5-6 Jun
'82

The proposed Military Transportation Command:
Increased readiness & efficiency. Frank C.
Carlucci. illus Defense/82, pp 12-17, Oct
'82

Quality circles: Controlling work problems.
Elyce Pike and John R.Nordan, Jr. illus
Translog 13:8-9 Sep '82

Rhine River Terminal--site of ammunition
test. Capt Frederick C.Perkins. illus
Translog 13:10-12 May '82

Small business: In MTMC it's big business!
LtCol Jack Hudson. illus Translog 13:2-3
May '82

Stage set for COREX 82. Peter H.Shugert.
illus Translog 13:1-3 Jul '82

TEA (Transportation Engineering Agency) time
at Reforger. illus Translog 13:8-9 Oct '82

TTU Iskenderun (Turkey)--a truly remote
terminal. LtCol Thomas J.Barrowman. illus
Translog 13:10-12 Jan '82

You've got a friend at MATCU! (Military Air
Traffic Coordinating Units). Mary N.Buck-
lew. illus Translog 13:5-6 Feb '82

Directories

Military Traffic Management Command. Army
32:226 Oct '82

Organization

Military Traffic Management Command. Translog
13: inside back cover Feb '82

MILITARY UNIONS

See also
Labor Unions

MILLER, George D.

Linebacker II: Ten years in retrospect.
LtGen George D.Miller. illus por Combat
Crew 32:2-7 Sep '82

Training for deterrence. LtGen George D.
Miller. por Combat Crew 32:2-3 Mar '82

MILLER, George H.

Flight from reality. RADM George H.Miller,
Ret. illus US Nav Inst Proc 108:44-48
Dec '82

MILLER, Gerald E.

The promises and pitfalls of USAF-Navy
cooperation. VADM Gerald E.Miller, Ret.
illus AF Mag 65:66-67+ Nov '82

From smoke signals to spread spectrum, mili-
tary communications decides who wins the
war. Irving M.Gottlieb. tabs Mil Elect/
Countermeasures 8:42-47 Dec '82

MM-wave supercomponents increase performance
of target seekers. Apostle G.Cardiasmenos.
illus tabs Def Elect 14:117-120+ Oct '82

Millimeter wave technology advances the
science of force multiplication. Robert
Roeder. illus Mil Elect/Countermeasures
8:24-26 Dec '82

MILTON, Theodore R.

Are we being outflanked in the Caribbean?
Gen T.R.Milton, Ret. AF Mag 65:37 Feb '82

(Argentina): A blessed and troubled land.
Gen T.R.Milton, Ret. illus map AF Mag 65:
76-79 Apr '82

The Brazil situation. Gen T.R.Milton, Ret.
map illus AF Mag 65:111-115 Mar '82

NATO's challenges and opportunities. Gen T.R.
Milton, Ret. illus map AF Mag 65:150-154
Sep '82

Too many missing pieces--the Falklands: An
Argentine assessment. Gen T.R.Milton, Ret.
illus AF Mag 65:48-49 Dec '82

Why the high dropout rate at the Academy?
Gen T.R.Milton, Ret. AF Mag 65:69 Sep '82

MINE DETECTION AND DETECTORS

'MAINS'--the latest minehunting system. Simon
Durwen. illus Asian Def J No.3:36+ Mar '82

Modern minehunting. Comdr Jan Ceux. illus
NATO's Fifteen Nations 27:84-85+ Feb-Mar
'82

MINE WARFARE

Aerial mines: An idea whose time has come?
Capt Harry F.Noyes III. illus Army 32:
44-46 Sep '82

The Belgian Navy and mine countermeasures in
the channel. VAdm Andre Schlimm. illus
NATO's Fifteen Nations Special Issue No.2:
28-30 '82

Countermine warfare: Deadly game of "hide and
seek" using World War II technology? Debo-
rah G.Meyer. illus Armed Forces J Intl 119:
22+ Mar '82

Mine warfare. Deborah M.Kyle. illus Armed
Forces J Intl 119:70-72 Apr '82

Mines wait but we can't! LT Edward J.Rogers.
illus tab US Nav Inst Proc 108:51-54 Aug
'82

The naval electronics gap. Christopher Glenn.
illus tabs Mil Elect/Countermeasures 8:
29-30+ Mar '82

New role for mine warfare. RADM C.F.Horne III.
illus por US Nav Inst Proc 108:34-40 Nov '82

MINE WARFARE - Continued

Robotics under study. Def Mgt J 18:48 First Quarter '82

Soviet mine warfare: Army's 'silent death.'
LtCol William P. Baxter, Ret. illus Army
32:42-44 Jul '82

(Soviet Union) their mine warfare capability.
LCDR Ted S. Wile. illus US Nav Inst Proc
108:145-151 Oct '82

Vertical anti-tank defence. LtCol Pierre
Crèvecoeur. illus Armada Intl 6:57+ May-
Jun '82

History

USA warrant officers had start as mine
planters. CWO Harry B. J. Lee. illus
Officer 58:34-35 Aug '82

MINERALS

See also
Ocean Mining

High strategic stakes in Southern Africa.
James Hansen. illus tab Natl Def pt 1,
66:42-46 May-Jun '82; pt 2, 67:42-46
Jul-Aug '82

The strategic minerals problem: Our domestic
options. Alwyn H. King. tab Parameters 12:
44-52 Sep '82

Substitution, access, and the finite crust
(U.S. faces potential mineral crisis).
Mary Ann Edwards. illus Sea Power 25:41-
42 Jan '82

Statistics

A program to reduce America's materials vul-
nerability: President, Congress join forces
to close minerals deficit. John T. Correll.
illus tab map Sea Power 25:55+ Jun '82

MINES AND MINELAYING

Aerial minelaying: Possibly the most potent
sea warfare technique for the UK. SqLdr
G. Skinner. illus RUSI J for Def Studies
126:57-61 Dec '81

Mine warfare. Deborah M. Kyle. illus Armed
Forces J Intl 119:70-72 Apr '82

Mines wait but we can't! LT Edward J. Rogers.
illus tab US Nav Inst Proc 108:51-54 Aug
'82

Modern minehunting. Comdr Jan Ceux. illus
NATO's Fifteen Nations 27:84-85+ Feb-Mar
'82

New role for mine warfare. RADM C. F. Horne III.
illus por US Nav Inst Proc 108:34-40 Nov '82

Soviet mine warfare: Army's 'silent death.'
LtCol William P. Baxter, Ret. illus Army
32:42-44 Jul '82

(Soviet Union) their mine warfare capability.
LCDR Ted S. Wile. illus US Nav Inst Proc
108:145-151 Oct '82

MINES AND MINE-LAYING - Continued

Victory over ignorance and fear: The U.S.
minelaying attack on North Vietnam. Comdr
Ulrik Luckow. Nav War Col Rev 35:17-27
Jan-Feb '82

MINESWEEPERS AND MINESWEEPING

The Belgian Navy and mine countermeasures in
the channel. VAdm Andre Schlamm. illus
NATO's Fifteen Nations Special Issue No. 2:
28-30 '82

A new version of the PAP (Poisson Auto-
Propulsé) 104 mine disposal vehicle. Ger-
main Chambost. illus Intl Def Rev 15,
No. 7:911 '82

(Soviet Union) their mine warfare capability.
LCDR Ted S. Wile. illus US Nav Inst Proc
108:145-151 Oct '82

MINING, OCEAN see Ocean MiningMINORITIES

See also
Race Relations
also specific groups, e.g.,
Blacks in the Armed Forces

America's forgotten children. MSgt Mike
Mason. illus Soldiers 37:28-32 Aug '82

The case against a peacetime draft. Mike
Kelly. Strat Rev 10:64-75 Fall '82

1st black, woman selected for shuttle mis-
sions. AF Times 42:4 May 3 '82

Soviet Moslems: A Russian challenge. Maj
Robert D. Anderson. map Jt Persp 3:26-35
Winter '82

MISSILE BASESUnited States

ICBM site activation. LtGen Harry E. Golds-
worthy, Ret. illus Aerosp Hist 29:154-161
Sep '82

Warren (AFB, WY) due MX late '86. Leonard
Famiglietti. AF Times 43:1+ Dec 6 '82

MISSILE COMBAT COMPETITIONS

A look behind the scenes (SAC Missile Combat
Competition). Capts Robert E. Wood and
Arthur E. Baer. illus Combat Crew 32:8-9
Apr '82

Wings in competition. illus Combat Crew 32:
4-7+ Apr '82

MISSILE COMMAND

'Assuring' missile readiness. George L. Stew-
art, Jr. illus Army Log 14:24-28 Sep-Oct
'82

MISSILE CREWS

See also
Missile Training

A badge of honor. Capt George C. Simon, Jr.
illus Combat Crew 32:17+ Oct '82

MISSILE CREWS - Continued

The cutting edge. Regular feature in some issues of Combat Crew beginning with January 1982

MISSILE DEFENSE

See also
Missiles--Interception

AA-7 Apex and AA-8 Aphid. Doug Richardson. illus tab Intl Def Rev 15, No.1:14-15 '82

Anti-ship missile defence--Italian style. Emile Pettecks-Snyder. illus Asian Def J No.10:65+ Oct '82

Ballistic missile defense and the Atlantic Alliance. David S.Yost. Intl Sec 7:143-174 Fall '82

Covert/passive air defense sensors: A new approach to air defense. Mike Maxfield. illus Air Def Mag pt 1, pp 6-9, Apr-Jun '82; pt 2, pp 15-18, Jul-Sep '82

The fleet ballistic missile submarine--an irresistible future. CAPT Robert H.Smith, Ret. Nav War Col Rev 35:3-9 Mar-Apr '82

Space-based laser BMD (Ballistic Missile Defense): Strategic policy and the ABM Treaty. Keith B.Payne and Rebecca V. Strode. Intl Sec Rev 7:269-288 Fall '82

Strategic uncertainty and nuclear deterrence. Donald M.Snow. Nav War Col Rev 34:27-41 Nov-Dec '81

Toward a decision on ballistic missile defense. Sen Pete V.Domenici. illus por Strat Rev 10:22-27 Winter '82

Will radical new concept change U.S. national strategy? LtGen Daniel O.Graham, Ret. illus tab Mil Elect/Countermeasures 8:8+ Aug '82

MISSILE INDUSTRY AND TRADE

Anti-ship missile development in Europe: Changing ideas. Felix Müller. illus Armada Intl 6:76-78+ Jan-Feb '82

Italy

The Italian aerospace industry--a firm future, at last? Marc Grangier and Mark Lambert. illus tabs Interavia 37:157-170 Feb '82

MISSILE MAINTENANCE

From '1' to '10' in readiness. Ronald W.Harlow and Col John S.Drosdeck, Jr. illus Army Log 14:30-33 Jul-Aug '82

Missile materiel readiness reporting. Maj Thomas E.Smalls. illus Army Log 14:20-23 Jan-Feb '82

MISSILE MATERIEL READINESS COMMAND see Missile CommandMISSILE RANGES see Missile Test CentersMISSILE RESEARCH AND DEVELOPMENT COMMAND see Missile CommandMISSILE SITES

See also
Missile Bases

MISSILE TEST CENTERS

NAMFI (NATO Missile Firing Installation): Professional support in an ideal setting. LtCol Allan J.Futernick. illus Air Def Mag, pp 10-12, Apr-Jun '82

New system monitors White Sands missile tests. James Eckles. illus tab Air Def Mag, pp 33-34, Jul-Sep '82

MISSILE TRAINING

NAMFI (NATO Missile Firing Installation): Professional support in an ideal setting. LtCol Allan J.Futernick. illus Air Def Mag, pp 10-12, Apr-Jun '82

Stinger joins CONUS. Capt Kent L.Morley. illus Air Def Mag, pp 13-16, Apr-Jun '82

MISSILE TYPE

See also
Missiles

A L C M

The cruise missile era dawns. J.Philip Geddes. illus tabs map Interavia 37:919-923 Sep '82

Welcome the ALCM (Griffiss AFB, NY, readies the first squadron of B-52's to carry ALCMs). Capt Katie Cutler. illus Airman 26: 21-27 Jun '82

A M R A A M

AMRAAM (Advanced Medium Range Air-to-Air Missile): The ultimate air-to-air weapon. tab illus Mil Tech 6:74+ Aug '82

Chaparral

Chaparral on future battlefields. Capt Steven F.Waters. illus Air Def Mag, pp 22-24, Jul-Sep '82

Copperhead

Copperhead--a quantum jump. illus NATO's Fifteen Nations 27:100-104 Apr-May '82

Dragon

Dragons in the Infantry squad. Maj John P. Gritz. illus chart MarCor Gaz 66:26-28 Sep '82

Using dragons effectively. 1stLt D.W.Szelowski. MarCor Gaz 66:28-30 Sep '82

G L C M

The cruise missile era dawns. J.Philip Geddes. illus tabs map Interavia 37:919-923 Sep '82

MISSILE TYPE - ContinuedG L C M - Cont'd

The cruise missile in a conventional war environment. Maj Bruce M. Berry. illus Jt Persp 2:14-25 Spring '82

H E L L F I R E

PGMs achieve stand-off range with sophisticated guidance systems. David M. Russell. illus Def Elect 14:94-98 Nov '82

Harpoon

Ushering in the missile age. illus Pac Def Rep 8:35-37 Jun '82

Hawk

From '1' to '10' in readiness. Ronald W. Harlow and Col John S. Drosdeck, Jr. illus Army Log 14:30-33 Jul-Aug '82

Hawk goes optical (with the tracking adjunct system). Capt Robert Pratico. illus Air Def Mag, pp 21-23, Oct-Dec '81

M X

Congress okays \$1.5 billion for AF FY '82 construction. John Ginovsky. AF Times 42:7 Jan 4 '82

Dense pack: A critique and an alternative. Adam M. Garfinkle. Parameters 12:14-23 Dec '82

For MX: Closely spaced basing. Edgar Ulsamer. AF Mag 65:20+ Nov '82

House clears B-1 \$\$; rejects MX. Leonard Famiglietti. AF Times 43:3 Dec 20 '82

M-X and the balance of power: Reasserting America's strength. Anthony H. Cordesman. illus tabs Armed Forces J Intl 120:21-22+ Dec '82

Once under attack, Trident becomes most survivable program. L. Edgar Prina. illus Sea Power 25:81-82+ Jun '82

Still trying to close the window. Ean Higgins. illus Pac Def Rep 9:28-30 Aug '82

Strategic analysis and MX deployment. Col Thomas A. Fabyanic, Ret. Adapted from chapter in National Security Issues: Choices and Limits, edited by Stephen J. Cimbala. Strat Rev 10:29-35 Fall '82

Strategic forces: The Reagan story. Colin S. Gray. Intl Sec Rev 6:437-447 Winter '81/'82

The U.S. Air Force today--speed, flexibility, and global reach. John T. Correll. illus Sea Power 25:90+ Apr '82

Warren (AFB, WY) due MX late '86. Leonard Famiglietti. AF Times 43:1+ Dec 6 '82

Mauler

Man against machine: Man-portable anti-aircraft missiles. Daniel Malone. illus NATO's Fifteen Nations 27:44+ Aug-Sep '82

MISSILE TYPE - ContinuedMaverick

The Maverick missile counters modern sea weapons. CMDR Joseph Wiggins. illus Mil Elect/Countermeasures 8:42-47 Nov '82

The Maverick (missile) family. Stefan Geisner. illus Asian Def J No.8:50-52+ Aug '82

PGMs achieve stand-off range with sophisticated guidance systems. David M. Russell. illus Def Elect 14:94-98 Nov '82

Minuteman

Strategic missiles debated: Missile accuracy--we do know! Gen Robert T. Marsh. por Strat Rev 10:35-37 Spring '82

Strategic missiles debated: Missile vulnerability--what you can't know! J. Edward Anderson. illus Strat Rev 10:38-42 Spring '82; Rebuttal. Gen Robert T. Marsh. 10:42-43 Spring '82

Patriot

Army air defense simulators. Robert Chalmers. illus NATO's Fifteen Nations Special Issue No.1:104+ '82

NATO turns to Patriot (surface-to-air missile) power. Dennis Culkin. illus Def & For Aff 10:24+ Mar '82

Testing

The evaluation of Patriot. Col Richard C. Dean. illus Air Def Mag, pp 19-21, Jul-Sep '82

Pershing

TACEVAL (Tactical Evaluation) . . . Pershing's ARTEP. LtCol Myron F. Curtis. illus Fld Arty J 50:50-51 Sep-Oct '82

Phoenix

Phoenix missile system: "Still the one to beat." J. Philip Geddes. illus tabs Interavia 37:1300-1301 Dec '82

Redeye

Man against machine: Man-portable anti-aircraft missiles. Daniel Malone. illus NATO's Fifteen Nations 27:44+ Aug-Sep '82

Roland

Army air defense simulators. Robert Chalmers. illus NATO's Fifteen Nations Special Issue No.1:104+ '82

S A M - D

See Patriot

S L C M

Can the European theater nuclear force be based at sea? Paul A. Chadwell. illus Natl Def 67:26-29 Jul-Aug '82

MISSILE TYPE - ContinuedS L C M - Cont'd

The cruise missile era dawns. J.Philip Geddes. illus tabs map Interavia 37:919-923 Sep '82

(Soviet Navy) their SSGs/SSGNs. Milan Vego. illus US Nav Inst Proc 108:60-68 Oct '82

Tomahawk: The implications of a strategic/tactical mix. LT Paul G.Johnson. illus tab US Nav Inst Proc 108:26-33 Apr '82

Sea Sparrow

Sea Sparrow (NATO surface-to-air missile system). Christian Eliot. illus tab NATO's Fifteen Nations 26:44-46 Dec '81-Jan '82

Sidewinder

The Falklands and Lebanon reinforce EW lessons. MajGen James E.Freeze, Ret. por Mil Elect/Countermeasures 8:67 Aug '82

Sparrow

A flexible missile (the Sparrow). Stefan Geisenheyner. illus Asian Def J No.6:4-7+ Jun '82

Stinger

Army air defense simulators. Robert Chalmers. illus NATO's Fifteen Nations Special Issue No.1:104+ '82

Man against machine: Man-portable anti-aircraft missiles. Daniel Malone. illus NATO's Fifteen Nations 27:44+ Aug-Sep '82

Stinger joins CONUS. Capt Kent L.Morley. illus Air Def Mag, pp 13-16, Apr-Jun '82

T O W

Improvements for TOW are underway. tab MarCor Gaz 66:8 Mar '82

TLAT (TOW Light Anti-Tank) aims at one-shot kill. LtCol Robert A.Reitz. illus Natl Guard 36:16-17 Apr '82

Titan

See S L C M Tomahawk

Trident

Britain, Trident and nuclear non-proliferation. Dan Keohane. RUSI J for Def Studies 126:21-26 Dec '81

Conventional defence: No alternative to Trident. Edward Spiers. RUSI J for Def Studies 127:21-27 Sep '82

Once under attack, Trident becomes most survivable program. L.Edgar Prina. illus Sea Power 25:81-82+ Jun '82

Twenty years of Titan II. Maj Carl A.Wolfrum, Jr. illus Combat Crew 32:4-6 Feb '82

MISSILE TYPE - ContinuedWasp

Hughes selected as Wasp contractor. Mark Hewish. illus Intl Def Rev 15, No.5:546 '82

PGMs achieve stand-off range with sophisticated guidance systems. David M.Russell. illus Def Elect 14:94-98 Nov '82

MISSILE UNITSUnited States

Stinger joins CONUS. Capt Kent L.Morley. illus Air Def Mag, pp 13-16, Apr-Jun '82

Wings in competition. illus Combat Crew 32: 4-7+ Apr '82

MISSILESSee also

Intercontinental Ballistic Missiles
Rockets

Air-to-surface missiles. Roy Braybrook. illus Mil Tech 6:13-15+ Jul '82

The Falklands conflict: The air war. Derek Wood and Mark Hewish. illus Intl Def Rev pt 1, 15, No.8:977-980 '82; pt 2, Missile operations. 15, No.8:1151-1154 '82; pt 3, Naval operations. 15, No.10:1340-1343 '82

The naval electronics gap. Christopher Glenn. illus tabs Mil Elect/Countermeasures 8: 29-30+ Mar '82

Naval missile improvements. Norman Friedman. illus NATO's Fifteen Nations Special Issue No.2:104+ '82

Toward a decision on ballistic missile defense. Sen Pete V.Domenici. illus por Strat Rev 10:22-27 Winter '82

Basing

Can the European theater nuclear force be based at sea? Paul A.Chadwell. illus Natl Def 67:26-29 Jul-Aug '82

Dense pack: A critique and an alternative. Adam M.Garfinkle. Parameters 12:14-23 Dec '82

For MX: Closely spaced basing. Edgar Ulsamer. AF Mag 65:20+ Nov '82

Question for U.S. strategic modernization: Why "ride out" a Soviet attack? Blair Stewart. illus Strat Rev 10:44-52 Spring '82

Strategic analysis and MX deployment. Col Thomas A.Fabyanic, Ret. Adapted from chapter in National Security Issues: Choices and Limits, edited by Stephen J.Cimbala. Strat Rev 10:29-35 Fall '82

Strategic forces: The Reagan story. Colin S. Gray. Intl Sec Rev 6:437-447 Winter '81/'82

Why does the United States need ICBMs? Colin Gray. illus NATO's Fifteen Nations 27:80-84 Aug-Sep '82

MISSILES - ContinuedCharacteristics

- AA-7 Apex and AA-8 Aphid. Doug Richardson. illus tab Intl Def Rev 15, No.1:14-15 '82
- Gallery of Soviet aerospace weapons: Airborne and tactical defence missiles. illus AF Mag 65:108-109 Mar '82
- Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 65:107-108 Mar '82
- Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 65:109-110 Mar '82
- Gallery of USAF weapons: Airborne tactical and defense missiles. illus AF Mag 65:164-166 May '82
- Gallery of USAF weapons: Strategic missiles illus AF Mag 65:163-164 May '82
- Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine
- Sea Sparrow (NATO surface-to-air missile system). Christian Eliot. illus tab NATO's Fifteen Nations 26:44-46 Dec '81-Jan '82
- Warning: The threat branch has determined that Soviet ATGM's could be hazardous to your health. Maj Frank Babiasz. illus tab USA Avn Dig 28:12-13 Apr '82

Countermeasures

See Missile Defense

Deployment

- Control of nuclear weapons in Europe. Alex Gliksmann. illus Natl Def 66:43-49 Apr '82
- (Reagan administration's arms control chief, Eugene V. Rostow). Interview. illus Natl Def 66:42+ Apr '82

Design

- AA-7 Apex and AA-8 Aphid. Doug Richardson. illus tab Intl Def Rev 15, No.1:14-15 '82
- The design and future of tactical missiles. illus Asian Def J No.5:94-95 May '82
- Soviet "super-booster" ready for re-launch? Rolf Engel. illus tabs Intl Def Rev 15, No.3:279-282 '82

Fuels

See Propellants

Guidance and Control

- Inside the Exocet: Flight of a sea-skimmer. illus Def Elect 14:46+ Aug '82
- Man against machine: Man-portable anti-aircraft missiles. Daniel Malone. illus NATO's Fifteen Nations 27:44+ Aug-Sep '82
- PGMs achieve stand-off range with sophisticated guidance systems. David M. Russell. illus Def Elect 14:94-98 Nov '82
- Strategic missiles debated: Missile accuracy--we do know! Gen Robert T. Marsh. por Strat Rev 10:35-37 Spring '82

MISSILES - ContinuedGuidance and Control - Cont'd

Strategic missiles debated: Missile vulnerability--what you can't know! J. Edward Anderson. illus Strat Rev 10:38-42 Spring '82; Rebuttal. Gen Robert T. Marsh. 10:42-43 Spring '82

History

Air-to-surface missiles. Roy Braybrook. illus Mil Tech 6:13-15+ Jul '82

Interception

- ACEVAL/AIMVAL (Air Combat Fighter Validation/Air Intercept Missile Validation): Abusing Atari in the desert. LtCol Walt Kross. Armed Forces J Intl 119:52+ Jan '82
- Close-in weapon systems. Kurt Arbenz. illus Armada Intl 6:6-7+ Jan-Feb '82
- DARDO close-range anti-missile defence system. Enrico Po. illus (Also cutaway) NATO's Fifteen Nations 27:60-63 Feb-Mar '82

Launching

- Launch forecasting and reporting requirements. TIG Brief 34:21 Jul 9 '82
- Rhino's new bullet: The AIM-7F (recent Digital LRU-1 modification). Capt John Barry. illus USAF Ftr Wpns Rev, pp 18-20, Summer '82

Soviet "super-booster" ready for re-launch? Rolf Engel. illus tabs Intl Def Rev 15, No.3:279-282 '82

Testing

Varo's depot missile launcher tester. Bernard Cole. illus Mil Elect/Countermeasures 8: 108-110 Feb '82

Maintenance and Repair

See Missile Maintenance

Reliability

'Assuring' missile readiness. George L. Stewart, Jr. illus Army Log 14:24-28 Sep-Oct '82

Strategic missiles debated: Missile accuracy--we do know! Gen Robert T. Marsh. por Strat Rev 10:35-37 Spring '82

Strategic missiles debated: Missile vulnerability--what you can't know! J. Edward Anderson. illus Strat Rev 10:38-42 Spring '82; Rebuttal. Gen Robert T. Marsh. 10:42-43 Spring '82

Safety Measures

Missile safety: A way of life. 1stLt Charles D. Lambert. illus Combat Crew 32:20-21 Dec '82

MISSILES - ContinuedSurvivability

Strategic analysis and MX deployment. Col Thomas A. Fabyanic, Ret. Adapted from chapter in National Security Issues: Choices and Limits, edited by Stephen J. Cimbala. Strat Rev 10:29-35 Fall '82

Why does the United States need ICBMs? Colin Gray. illus NATO's Fifteen Nations 27:80-84 Aug-Sep '82

Testing

'Assuring' missile readiness. George L. Stewart, Jr. illus Army Log 14:24-28 Sep-Oct '82

Trajectories

Strategic missiles debated: Missile accuracy--we do know! Gen Robert T. Marsh. por Strat Rev 10:35-37 Spring '82

Strategic missiles debated: Missile vulnerability--what you can't know! J. Edward Anderson. illus Strat Rev 10:38-42 Spring '82; Rebuttal. Gen Robert T. Marsh. 10:42-43 Spring '82

CubaHistory

The Cuban Missile Crisis: Legacies and lessons. Robert A. Pollard. Reprinted from The Wilson Quarterly. Mil Rev 62:45-55 Dec '82

France

The Crotale Naval. George Gibbs. illus Asian Def J No.10:37 Oct '82

Exocet may make current navies obsolete. Jay Miller. AF Times 43:41-42 Aug 16 '82

How exocet sank the HMS Sheffield. David M. Russell. illus Def Elect 14:38+ Jul '82

How invincible is the Exocet missile? Chris Heath. Pac Def Rep 9:16-17+ Jul '82

Inside the Exocet: Flight of a sea-skimmer. illus Def Elect 14:46+ Aug '82

The SM39 missile--latest addition to the Exocet family. illus Intl Def Rev 15, No.7:914 '82

Ushering in the missile age. illus Pac Def Rep 8:35-37 Jun '82

WW II Kate tactic like new Exocet. RADM Robert H. Spiro, Jr, Ret. illus Officer 58:15-17 Oct '82

Great Britain

Britain, Trident and nuclear non-proliferation. Dan Keohane. RUSI J for Def Studies 126:21-26 Dec '81

MISSILES - ContinuedGreat Britain - Cont'd

IDR talks to Admiral Sir Raymond Lygo, British Aerospace. Interview. illus Intl Def Rev 15, No.11:1502-1504 '82

Low-level air defence with Rapier. Stefan Geisenheyner. illus Asian Def J No.2:54-58+ Feb '82

Exhibitions

British Army Equipment Exhibition '82. George Gibbs. illus Asian Def J No.8:62-64+ Aug '82

Israel

The Israeli BARAK anti-missile system. illus Mil Tech 6:101-102 Jul '82

N A T O

Precision guided munitions--a perspective. Charles S. Epstein. illus NATO's Fifteen Nations 27:54+ Apr-May '82

Soviet Union

AA-7 Apex and AA-8 Aphid. Doug Richardson. illus tab Intl Def Rev 15, No.1:14-15 '82

Gallery of Soviet aerospace weapons: Airborne and tactical defence missiles. illus AF Mag 65:108-109 Mar '82

Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 65:107-108 Mar '82

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 65:109-110 Mar '82

Soviet "super-booster" ready for re-launch? Rolf Engel. illus tabs Intl Def Rev 15, No.3:279-282 '82

Strategic uncertainty and nuclear deterrence. Donald M. Snow. Nav War Col Rev 34:27-41 Nov-Dec '81

Warning: The threat branch has determined that Soviet ATGM's could be hazardous to your health. Maj Frank Babiasz. illus tab USA Avn Dig 28:12-13 Apr '82

United StatesSee also
Missile Type

AMRAAM (Advanced Medium Range Air-to-Air Missile): The ultimate air-to-air weapon. tab illus Mil Tech 6:74+ Aug '82

Anti-radar missiles. Dan Boyle. illus tab Interavia 37:1194-1195 Nov '82

The cruise missile era dawns. J. Philip Geddes. illus tabs map Interavia 37:919-923 Sep '82

MISSILES - ContinuedUnited States - Cont'd

M-X and the balance of power: Reasserting America's strength. Anthony H. Cordesman. illus tabs Armed Forces J Intl 120:21-22+ Dec '82

The Maverick (missile) family. Stefan Geisenheyner. illus Asian Def J No.8:50-52+ Aug '82

Missile safety: A way of life. 1stLt Charles D. Lambert. illus Combat Crew 32:20-21 Dec '82

Missiles and astronautics. Regular feature in some issues of National Defense

Missiles to give Iowa new muscles. illus Officer 58:12-13 Nov '82

Processor extensions improve missile computer design. Richard T. Davis. illus Def Elect 14:72+ Jun '82

Strategic balance in the 1980's. Andrew C. Tuttle. illus Natl Def 67:22-25 Jul-Aug '82

Strategic uncertainty and nuclear deterrence. Donald M. Snow. Nav War Col Rev 34:27-41 Nov-Dec '81

History

Guided missiles--U.S. Navy the pioneer. RADM D.S. Fahrney, Ret. illus por Am Avn Hist Soc J 27:15-28 Spring '82

United States--Air Force

Gallery of USAF weapons: Airborne tactical and defense missiles. illus AF Mag 65:164-166 May '82

Gallery of USAF weapons: Strategic missiles. illus AF Mag 65:163-164 May '82

History

Twenty years of Titan II. Maj Carl A. Wolfrum, Jr. illus Combat Crew 32:4-6 Feb '82

United States--Army

Missile materiel readiness reporting. Maj Thomas E. Smalls. illus Army Log 14:20-23 Jan-Feb '82

MISSILES, ANTI-AIRCRAFT

AA-7 Apex and AA-8 Aphid. Doug Richardson. illus tab Intl Def Rev 15, No.1:14-15 '82

Blowpipe--shoulder-fired anti-aircraft weapon system. illus Asian Def J No.11: 72-74 Nov '82

The Crotale Naval. George Gibbs. illus Asian Def J No.10:37 Oct '82

The deadly Blowpipe (shoulder-fired missile). illus Pac Def Rep 9:64-65 Oct '82

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 65:109-110 Mar '82

MISSILES, ANTI-AIRCRAFT - Continued

Low-level air defence with Rapier. Stefan Geisenheyner. illus Asian Def J No.2:54-58+ Feb '82

Man against machine: Man-portable anti-aircraft missiles. Daniel Malone. illus NATO's Fifteen Nations 27:44+ Aug-Sep '82

NATO turns to Patriot (surface-to-air missile) power. Dennis Culkin. illus Def & For Aff 10:24+ Mar '82

Naval missile improvements. Norman Friedman. illus NATO's Fifteen Nations Special Issue No.2:104+ '82

MISSILES, ANTI-RADIATION

Anti-radar missiles. Dan Boyle. illus tab Interavia 37:1194-1195 Nov '82

MISSILES, ANTISATELLITE

NORAD adds radar, optics to increase space defense. David M. Russell. illus Def Elect 14:82-86 Jul '82

MISSILES, ANTISHIP

Air-to-surface missiles. Roy Braybrook. illus Mil Tech 6:13-15+ Jul '82

Aircraft versus FACs (Fast Attack Craft). Ezio Bonsignore. illus tab Mil Tech 6: 13-14+ Nov '82

The Anglo-French Sibyl: A new counter to anti-ship missiles. Gowri S. Sundaram. illus Intl Def Rev 15, No.10:1405-1408 '82

Anti-ship missile defence--Italian style. Emile Pettecks-Snyder. illus Asian Def J No.10:65+ Oct '82

Anti-ship missile development in Europe: Changing ideas. Felix Müller. illus Armada Intl 6:76-78+ Jan-Feb '82

Anti-ship missiles. Richard Francomb. tab illus NATO's Fifteen Nations 27:75-76+ Apr-May '82

Anti-ship missiles and coastal surveillance. illus Asian Def J No.2:62-64 Feb '82

Antiship missiles launch new tactics. CAPT William J. Ruhe, Ret. illus US Nav Inst Proc 108:60-65 Dec '82

Close-in weapon systems. Kurt Arbenz. illus Armada Intl 6:6-7+ Jan-Feb '82

The Falklands conflict--old lessons, new weapons. Jürg Meister. illus Armada Intl 6:6+ Jul-Aug '82

French have countermeasure to anti-ship missiles; U.S. Navy/NATO one fails test. Benjamin F. Schemmer. illus Armed Forces J Intl 119:30+ Jul '82

How good is the Navy's anti-ship missile defence? Commodore Alan Robertson, Ret. illus tab Pac Def Rep 9:13-14+ Jul '82

How invincible is the Exocet missile? Chris Heath. Pac Def Rep 9:16-17+ Jul '82

MISSILES, ANTISHIP - Continued

Inside the Exocet: Flight of a sea-skimmer. illus Def Elect 14:46+ Aug '82

The naval electronics gap. Christopher Glenn. illus tabs Mil Elect/Countermeasures 8: 29-30+ Mar '82

Naval missile improvements. Norman Friedman. illus NATO's Fifteen Nations Special Issue No.2:104+ '82

The SM39 missile--latest addition to the Exocet family. illus Intl Def Rev 15, No.7:914 '82

Strait shooting. LCDR James A.Hazlett. illus map tab US Nav Inst Proc 108:70-73 Jun '82

Ushering in the missile age. illus Pac Def Rep 8:35-37 Jun '82

WW II Kate tactic like new Exocet. RADM Robert H.Spiro, Jr, Ret. illus Officer 58:15-17 Oct '82

MISSILES, ANTITANK

ATGW development trends. Konrad Alder. illus Armada Intl 6:10-11+ May-Jun '82

Air-to-surface missiles. Roy Braybrook. illus Mil Tech 6:13-15+ Jul '82

Bofors RBS56 Bill (Bofors Infantry light and lethal anti-tank missile)--top attack to counter modern tanks. Mark Hewish. illus tabs Intl Def Rev 15, No.7:925-928 '82

Copperhead--a quantum jump. illus NATO's Fifteen Nations 27:100-104 Apr-May '82

The deadly Blowpipe (shoulder-fired missile). illus Pac Def Rep 9:64-65 Oct '82

A guided missile as a short-range anti-tank weapon? B.Fritz. tabs Intl Def Rev 15, No.7:912-913 '82

Hughes selected as Wasp contractor. Mark Hewish. illus Intl Def Rev 15, No.5:546 '82

IDR talks to Admiral Sir Raymond Lygo, British Aerospace. Interview. illus Intl Def Rev 15, No.11:1502-1504 '82

PGMs achieve stand-off range with sophisticated guidance systems. David M.Russell. illus Def Elect 14:94-98 Nov '82

SEP's (Société Européenne de Propulsion) new anti-tank rocket launcher DARD 120. B.Fritz. illus tabs Intl Def Rev 15, No.4:475-477 '82

Tank breaker: Developing technology for a Dragon replacement. Mark Hewish. illus Intl Def Rev 15, No.9:1212-1215 '82

Vertical anti-tank defence. LtCol Pierre Crèvecoeur. illus Armada Intl 6:57+ May-Jun '82

Warning: The threat branch has determined that Soviet ATGM's could be hazardous to your health. Maj Frank Babiasz. illus tab USA Avn Dig 28:12-13 Apr '82

MISSILES, CRUISE see Missiles

also Missile Type--A L C M; Missile Type--G L C M; Missile Type--S L C M

MITTEMEYER, Bernhard T.

Readiness begins with fitness. LtGen Bernhard T.Mittmeyer. illus Army 32:191-194 Oct '82

MOBILITY

See also
Air Mobility

Armored combat vehicle technology. Newell R. Murphy, Jr. tabs illus Armor 91:20-25 Nov-Dec '82

Battle doctrine for the 21st century. Tony Velocci. illus Natl Def 67:11-14 Nov '82

Conference on national strategic mobility. Def Trans J 38:29-33 Jun '82

Dimensions of mobility. Col Andrew P.O'Meara, Jr. illus tabs Armor 91:22-25 Jan-Feb '82

Division '86--armored combat logistics vehicles. Capt Merle D.Russ. illus Army Log 14:24-27 Jan-Feb '82

Force modernization--doctrine, organization and equipment. LtCol Lawrence M.Jackson II. illus Mil Rev 62:2-12 Dec '82

Ground mobility in perspective. LtCol Burton S.Boudinot, Ret. illus Armor 91:38-40 Jan-Feb '82

How the Army crosses its bridges. Wayne A. Stroupe and Hugh L.Green. illus Mil Engr 74:214-216 May-Jun '82

Maneuver, mobile defense, and the NATO central front. John J.Mearsheimer. map Intl Sec 6:104-122 Winter '81/'82

Modern mobility: New equipment--new tactics. Capt Craig L.Smith. illus Fld Arty J 50: 26-30 May-Jun '82

The nondebate over how Army should fight. Col T.N.Dupuy. illus Army 32:34-38+ Jun '82

Rapid reinforcement of NATO. Maj James Crumley, Jr. illus Airlift 4:16-19 Fall '82

Strategic mobility: Requirements & future trends. LtGen Oren E.DeHaven. illus tabs Airlift 4:9-15 Fall '82

Strategic mobility: Shortfalls & solutions. LtGen Oren E.DeHaven. illus Defense/82, pp 10-15, Mar '82

MOBILIZATION, INDUSTRIAL

Can the defense industry respond to the Reagan initiatives? Jacques S.Gansler. Intl Sec 6:102-121 Spring '82

The civil-military interface in industrial preparedness. John Nocita. illus Def Mgt J 18:26-33 First Quarter '82

MOBILIZATION, INDUSTRIAL - Continued

Human resources mobilization. Bruce Carswell. Signal 36:73-75+ Aug '82

Industrial preparedness: A congressional perspective. Ronald F. Lehman. Def Mgt J 18: 7-13 First Quarter '82

Past is prologue: Strategic materials and the defense industrial base. John D. Morgan. tab Def Mgt J 18:14-19 First Quarter '82

Ready response to a surge: New contracting techniques. George T. Nickolas. Def Mgt J 18:34-39 First Quarter '82

The 37th annual NDTA Transportation & Logistics Forum & Exposition. Panel II, Sustaining the industrial base during mobilization. RADM Ronald E. Narmi. illus por Def Trans J 38:54-62 Dec '82

MOBILIZATION, MILITARYN A T O

Reinforcements and prepositioning. BrigGen Walter W. Kastenmayer. illus NATO's Fifteen Nations 27:38+ Oct-Nov '82

United States

The Armor force's manpower bank. Capt Lee F. Kichen. illus Armor 91:44-45 Jul-Aug '82

Army Reserve aviation today. MajGen William R. Berkman. illus por USA Avn Dig 27:2-5 Dec '81

The impact of mobilization on the telephone network. Robert E. Gradle. illus Signal 36: 64-66 Aug '82

Joint Deployment Agency: A deployment broker. illus Airlift Ops Rev 4:8-11 Apr-Jun '82

Mobilization for a European war: The impact of habeas corpus. Maj Jon P. Bruinooge. AF Law Rev 22, No. 3:205-281 '81/'82

Motor common carriers and mobilization: Meeting the challenge. Robert R. Weiss. Def Trans J 38:70-75 Feb '82

RCPAC's (Reserve Components Personnel and Administration Center) mission: Pretrained personnel. BrigGen Charles F. Briggs. illus Officer 58:14-16 Jul '82

'Round out' is alive, working in Georgia. MajGen John R. Galvin. illus Army 32:36-39+ Nov '82

The 37th annual NDTA Transportation & Logistics Forum & Exposition. Panel II, Sustaining the industrial base during mobilization. RADM Ronald E. Narmi. illus por Def Trans J 38:54-62 Dec '82

USAF support of Air Reserve Forces (ARF). TIG Brief 34:15 Jul 9 '82

History

The A/E's (Architects and Engineers) role in mobilization. Thomas H. Spencer. illus Mil Engr 74:435-440 Nov-Dec '82

MONEY

See also
Electronic Funds Transfer System

Forecasting foreign exchange rates for budgeting. Howard B. Baltz. tabs Armed Forces Compt 27:31-33 Fall '82

Foreign exchange rate fluctuations: Their impact on the Army program and budget and a suggested remedy. Maj Richard M. Wrona. Armed Forces Compt 27:21-22 Fall '82

Stronger dollar causes drop in COLA overseas. Tom Philpott. tab AF Times 43:28 Nov 15 '82

MOORE, Marc A.

An East Asian security consortium for the year 2000. MajGen Marc A. Moore. illus map MarCor Gaz 66:41-45 Jul '82

MOORE, William G., Jr

Commander in Chief, Military Airlift Command, April 1977 - June 1979. Interview. Gen William G. Moore, Jr. illus por Airlift Ops Rev 4:1-7 Apr-Jun '82

MOORER, Thomas H.

ECM in the Falklands War proves its point the hard way. ADM Thomas H. Moorer and Alvin J. Cottrell. illus Mil Elect/Countermeasures 8:48-49 Nov '82

In the wake of the Falklands battle. ADM Thomas H. Moorer and Alvin J. Cottrell. por Strat Rev 10:23-28 Summer '82

MORALE

Antidrug head says traditional values should be pushed. Paul Smith. AF Times 42:14 Mar 22 '82

Common sense management. Edward R. Toth, Jr. illus Natl Def 67:47-50+ Sep '82

Heading off a hemorrhage of talent (Policy paper, adopted at AFA's Annual National Convention, Sep 14, 1982). illus AF Mag 65:53-58 Nov '82

Helping hands. illus Soldiers 37:11-13 Jan '82

High morale in combat. LtGen Julian J. Ewell, Ret. illus Mil Rev 62:19-33 Jun '82

Pride in service. Sgt1C Norman Oliver. illus Soldiers 37:6-9 Oct '82

Recreation (activities). illus Soldiers 37: 41-45 Jan '82

The unit: The military member draws strength and confidence from a stable unit. Gen E. C. Meyer. illus por Defense/82, pp 2-9, Feb '82

Why some agencies are setting up "quality circles." Zona Burke. Govt Exec 14:32-33 Jan '82

The winning combination--(morale/leadership equation). Gen Thomas M. Ryan, Jr. TIG Brief 34:2 May 14 '82

MOROCCO

Danger in the Maghrib: A growing threat to NATO's south? CDR Bruce L. Valley. RUSI J for Def Studies 126:62-66 Dec '81

MORTARS

Brandt gun-mortars. R.M. Ogorkiewicz. illus tab Intl Def Rev 15, No.2:201-204 '82

The British L9A1 51mm mortar. Mark Hewish. illus tab Intl Def Rev 15, No.6:727-728 '82

Mortars in mountains. Maj Thomas H. Whitley and Capt Charles T.D. Gendron. illus Infantry 72:34-35 Sep-Oct '82

Plunging fire--mortars and their use in modern warfare. David Rosser-Owen. illus Armada Intl 6:66+ Sep-Oct '82

MOTELS see Hotels and Motels

MOTHBALL FLEET see National Defense Reserve Fleet

MOTHBALLING see

Airplanes, Military--Storage
National Defense Reserve Fleet

MOTION SICKNESS

Influence of a visual display and frequency of whole-body angular oscillation on incidence of motion sickness. Fred E. Guedry, Jr and others. illus tabs Aviation, Space & Envmt Med 53:564-569 Jun '82

Motion sickness incidence induced by complex periodic waveforms. J.C. Guignard and Michael E. McCauley. illus tabs Aviation, Space & Envmt Med 53:554-563 Jun '82

Rx for flying comfort. Maj John B. Linnstaedt. Combat Crew 32:10-11 Sep '82

Reducing motion sickness: A comparison of autogenic-feedback training and an alternative cognitive task. William B. Toscano and Patricia S. Cowings. tabs illus Aviation, Space & Envmt Med 53:449-453 May '82

The relationship of motion sickness susceptibility to learned autonomic control for symptom suppression. Patricia S. Cowings and William B. Toscano. tabs Aviation, Space & Envmt Med 53:570-575 Jun '82

A statistical examination of three approaches for predicting motion sickness incidence. Dennis E. Smith. tabs Aviation, Space & Envmt Med 53:162-165 Feb '82

MOTIVATION (PSYCHOLOGY)

Common sense management. Edward R. Toth, Jr. illus Natl Def 67:47-50+ Sep '82

Motivating Air Force engineers. Capt Hal H. Rumsey. AF Engrg & Svcs Qtr 23:39-41 Fall '82

Project Warrior. LtGen Jerome F.O. Malley. TIG Brief 34:2 May 28 '82

MOTIVATION (PSYCHOLOGY) - Continued

What makes an 'outstanding' unit? TIG Brief 34:7 May 14 '82

MOTOR VEHICLES

See also
All-Terrain Vehicles
Automobiles
Trucks and Trucking

General Services Administration (GSA) contract vehicle rentals: Fraud investigations. TIG Brief 34:13 Aug 27 '82

Private Motor Vehicle (PMV) facts. tab TIG Brief 34:13 Apr 2 '82

Saurer off-road military vehicles. B. Sauerwein-Reznicek. illus Intl Def Rev 15, No.6: 802 '82

Shipping a POV. LT Howard E. Glassman. illus Translog 13:10-12 Jul '82

Drivers and Driving

Child restraint laws. TIG Brief 34:18 Jul 9 '82

Increasing costs of Driving Under the Influence (DUI). TIG Brief 34:19 Jul 23 '82

Intensification of efforts to prevent intoxicated driving. MajGen Harry Falls, Jr. TIG Brief 34:1-2 Aug 27 '82; 34:1-2 Dec 20 '82

Military drivers. LtGen I. Balabai. Interview. illus Soviet Mil Rev No.10:16-18 Oct '82

Air Force

General Services Administration (GSA) contract vehicle rentals. TIG Brief 34:13 Aug 6 '82

Peacekeeper armored response and convoy vehicle. TIG Brief 34:7 Jan 8 '82

Safeguard the vehicle decal: Everyone plays. TIG Brief 34:12 Apr 16 '82

Special-purpose/base-maintenance short-term vehicle leases. TIG Brief 34:10 Feb 19 '82

Armed Forces

Enclosed superstructures on transport vehicles. Col Günter Emme. illus Armada Intl 6:32+ Jul-Aug '82

High mobility: An urgent requirement for the U.S. armed forces. J. Philip Geddes. illus tab Intl Def Rev 15, No.5:581-584 '82

The logistical lynchpin. Jacquelyn S. Porth. illus Def & For Aff 9, No.14:20-22+ '81

Recent trends in heavy-duty military vehicles. Brian Charig. illus tabs Armada Intl (Special Issue II) 6:26-28+ Sep-Oct '82

MOTOR VEHICLES - ContinuedArmed Forces - Cont'd

Tactical requirements of heavy military cross-country vehicles. Col Günther Emme. illus Armada Intl (Special Issue II) 6: 2-4+ Sep-Oct '82

Tank-automotive news. Regular feature in some issues of National Defense

Wheels within wheels (increasingly vital logistics machine). Jacquelyn S.Porth. illus Def & For Aff 10:13-15+ May '82

Maintenance and Repair

Servicing and repair of military vehicles. S.Oper. illus tabs Armada Intl (Special Issue II) 6:18-21+ Sep-Oct '82

Army

Military drivers. LtGen I.Balabai. Interview. illus Soviet Mil Rev No.10:16-18 Oct '82

Standardization of combat vehicle load plans. illus Air Def Mag, pp 23-25, Apr-Jun '82

What one company "in the hunt" thinks of the military truck market. illus Govt Exec 14:48-49 Jun '82

Maintenance and Repair

How mechanics grow. Tom Kiddoo. illus Soldiers 37:10-11 Sep '82

Marine Corps

You want my trucks when? Capt R.E.Lupton. charts MarCor Gaz 66:22-24 Aug '82

MOTORCYCLES AND BICYCLES

Ask for it (how to bring home a motorcycle that wasn't built for sale in the U.S.). illus Translog 13:6-8 Jul '82

The military motorcycle. Capt Robert R.Sigl. illus Armor 91:26-28 Sep-Oct '82

Motorcycle fatalities. TIG Brief 34:16 Sep 27 '82

Motorcycle operators skill test. TIG Brief 34:19 Apr 16 '82

Motorcycle riding is like flying. Maj Jerry W.McCluer. TAC Attack 22:18-20 Jul '82

Private Motor Vehicle (PMV) facts. tab TIG Brief 34:13 Apr 2 '82

MOUNTAIN FLYING

When will we learn about mountain flying? Raymond P.Johnson. illus USA Avn Dig 28: 16-19 Jul '82

MOUNTAIN OPERATIONS

Fighting in Afghanistan. Lt Paul H.Vivian. illus Infantry 72:17-21 Jan-Feb '82

Mortars in mountains. Maj Thomas H.Whitley and Capt Charles T.D.Gendron. illus Infantry 72:34-35 Sep-Oct '82

Soviet engineers--mountain operations support. Capt F.Michael Real. illus Mil Engr 74:454-457 Nov-Dec '82

Training on the 'roof of the world.' MajGen Ernest F.Easterbrook. illus Army 32:25-28 Jan '82

MOUNTAIN SICKNESS see Altitude, Influence ofMOVEMENT CONTROL

Here are entered articles on planning and control of movement of troops and supplies.

See also

Deployment

Rocket transport: The ultimate Rapid Deployment Force. Philip Bono. illus MarCor Gaz 66:38-45 Mar '82

Soviet echeloning. P.H.Vigor. illus Mil Rev 62:69-74 Aug '82

War plans: Key to readiness. TIG Brief 34:10 Sep 27 '82

MOVING see Household EffectsMULLINS, James P.

AFLC keeps USAF ready to fight. F.Clifton Berry, Jr. Interview. illus tabs por AF Mag 65:28-35 Aug '82

Air Force Logistics Command. illus chart por AF Mag 65:86-87 May '82

Scarcity and the challenge. Gen James P. Mullins. AF J Log 6:5-6 Winter '82

MUNITIONS

Air munitions: The missing link? Norman R. Augustine. illus tabs Mil Elect/Counter-measures 8:33+ Apr '82

Airfield attack: Another approach. Capt Mark Baker. tabs illus USAF Ftr Wpns Rev, pp 23-27, Summer '82

The Anglo-French Sibyl: A new counter to anti-ship missiles. Gowri S.Sundaram. illus Intl Def Rev 15, No.10:1405-1408 '82

The break-through in anti-tank warfare. Col Daniel K.Malone. illus NATO's Fifteen Nations 27:56-57+ Feb-Mar '82

Chemical weapons: An imbalance of terror. Joseph D.Douglass, Jr. tab Strat Rev 10: 36-47 Summer '82

Indirect fire in MOUT (Military Operations in Urbanized Terrain). SSgt Patrick J.Coyle. illus tabs Infantry 72:11-13 Mar-Apr '82

MUNITIONS - Continued

Munition stock-level requirements: Are they accurate? TIG Brief 34:7 Feb 19 '82

Munitions Materiel Handling Equipment (MMHE) focal point. TIG Brief 34:5 Mar 19 '82

Operation Doberman: The Singapore armaments story. Laurence Hartnett. illus Pac Def Rep 8:10-12+ Apr '82

Training versus dummy versions of live munitions. TIG Brief 34:8 Jul 9 '82

Costs

Ammunition procurement strategy. LtCol Roy R. Willis. illus tab Army Log 14:2-5 Jan-Feb '82

Equipment

Munitions Material Handling Equipment (MMHE) TIG Brief 34:9 Jul 9 '82

MUNITIONS LOADING COMPETITIONS

Bandits steal the show--SAC's Weapon Loading Competition. illus Combat Crew 33:8-11 Nov '82

MUSEUMSArmed Forces--U.S.

Military museums. George C. Morris. illus AF Times, Times Magazine sup:14-16+ Oct 4 '82

Army--U.S.

Allied Officer Hall of Fame: The first decade. LtCol John B. Haseman. illus tabs Mil Rev 62:45-48 Jun '82

MUSEUMS - ContinuedArmy--U.S. - Cont'd

From these rude beginnings (Philadelphia's Army-Navy Museum). illus Army 32:40-41 Mar '82

Navy--U.S.

From these rude beginnings (Philadelphia's Army-Navy Museum). illus Army 32:40-41 Mar '82

United States

International intrigue under museum cover. Howard Handleman. illus Officer 58:20-21 Nov '82

The National Air and Space Museum. Capt Gale E. Clouse, Jr. illus MAC Flyer 29:16-18 Oct '82

MUSIC, MILITARYSee also

Bands (Music)

MUTINY

The anatomy of mutiny. Elihu Rose. Armed Forces & Soc 8:561-574 Summer '82

MYERS, Paul W.

(LtGen Paul W.) Myers to stay in service pending Defense review. Leonard Famiglietti. AF Times 43:3 Aug 2 '82

Medical services remember lessons. LtGen Paul W. Myers, Ret. Presentation before the Health Services Advisory Committee. illus por Officer 58:30-33 Nov '82

N A S A see National Aeronautics and Space Administration

N A T O see North Atlantic Treaty Organization

N A T O INTEGRATED COMMUNICATIONS SYSTEM

The Air Force satellite systems. Capt Phil Lacombe. illus AF Mag 65:52-55+ Jun '82

3 3
NATO--the status of C : C in the Central European Command. Gen Ferdinand M. von Senger und Etterlin. Signal 37:27+ Dec '82

Outlook for NATO communications. Larry K. Wentz and Gope D.Hingorani. map Signal 37: 53-59 Dec '82

N D T A see National Defense Transportation Association

N G A U S see National Guard Association

N I C S see N A T O Integrated Communications System

N O A A see National Oceanic and Atmospheric Administration

N O R A D see North American Aerospace Defense Command

NAMES see

Air Bases--U.S.
Airplane Type
Army Posts--U.S.
Helicopter Type
Missile Type
Naval Bases--U.S.

NAMIBIA

Namibia: An alternate solution. William R. Kintner. tabs Intl Sec Rev 6:533-552 Winter '81/'82

NAP-OF-THE-EARTH FLYING see Flight, Low-Altitude

NAPOLEONIC WARS

The battle of Borodino. Col I.Noskov. illus map Soviet Mil Rev No.9:48-51 Sep '82

Field Marshal Radetzky, 1766-1858. Curt F. Kollbrunner. illus Armada Intl 6:100-102 Sep-Oct '82

NARMI, Ronald E.

The 37th annual NDTA Transportation & Logistics Forum & Exposition. Panel II, Sustaining the industrial base during mobilization. RADM Ronald E.Narmi. illus por Def Trans J 38:54-62 Dec '82

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Columbia: Saga of a spaceship. SMSgt Gerald H.Smith. illus Air Reservist 34:12-15 Dec '81/Jan '82

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Continued

1st black, woman selected for shuttle missions. AF Times 42:4 May 3 '82

Guide to NASA's research centers. map AF Mag 65:201 May '82

Managing the space shuttle's paperwork. illus Govt Exec 14:42-45 Nov-Dec '82

NASA will seek metal alternate. Leonard Famiglietti. AF Times 42:29 Jan 25 '82

(Politics of space) Rep Don Fuqua. Interview. por tab Mil Sci & Tech 2:22-27 '82

Supporting the space shuttle: The blue-suit contribution. William P.Schlitz. illus AF Mag 65:44-51 Jun '82

USAF's investment in the national space transportation system. William P.Schlitz. illus AF Mag 65:106-112 Nov '82

NATIONAL BUREAU OF STANDARDS

The National Bureau of Standards--research for defense construction. John T.Ichter and others. illus Mil Engr 74:209-211 May-Jun '82

NATIONAL CHARACTERISTICS, AMERICAN

A crisis in self-image: The role of the military in American culture. Donald Atwell Zoll. Parameters 12:24-31 Dec '82

NATIONAL DEFENSE see Defenses

NATIONAL DEFENSE RESERVE FLEET

The Iowa class: Needed once again. Howard W. Serig, Jr. illus US Nav Inst Proc 108: 134-149 May '82

Sealift . . . the Achilles heel of American mobility. VADM Kent J.Carroll. tab illus Defense/82, pp 8-13, Aug '82

Statistics

Maritime Administration. ADM Harold E.Shear. illus tabs por Def Trans J 38:39-43 Feb '82

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION

NDTA news. Regular feature in issues of Defense Transportation Journal

Some thoughts on increasing youth involvement in NDTA (National Defense Transportation Association). Richard F.Poist. Def Trans J 38:23-26 Apr '82

Subsidized ocean carriage to Alaska: A non-subsidized perspective of Senate Bill 1682. Everett W.Trout. Def Trans J 38:84-85 Feb '82

37th annual NDTA Transportation & Logistics Forum & Exposition (Denver, Sep 25-28, 1982). illus Def Trans J 38:20-24 Dec '82

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION
Continued

The 37th annual NDTA Transportation & Logistics Forum & Exposition. Panel I, Transportation Technology Panel. Col Alan D. Wheeler, Ret. Def Trans J 38:25-45 Dec '82

The 37th annual NDTA Transportation & Logistics Forum & Exposition. Panel II, Sustaining the industrial base during mobilization. RADM Ronald E. Narmi. illus por Def Trans J 38:54-62 Dec '82

NATIONAL GOALS see National Policy

NATIONAL GUARD

Congress returns to consider Guard legislation, procurement. illus Natl Guard 36:27-28 Dec '82

The National Guard and United States foreign policy are interwoven. illus Natl Guard 36:12-14 Dec '82

The National Guard at Gallant Eagle '82. illus Natl Guard 36:26-27+ Sep '82

1982-83 position statement of the National Guard Association of the United States. Natl Guard 36:15-17 Dec '82

Ocean adventure '82. illus Natl Guard 36:22-23+ Sep '82

'There won't be time for post-mobilization training.' illus Natl Guard 36:20+ Dec '82

Three states execute joint training exercises. illus Natl Guard 36:14-15+ Oct '82

Why Guard officers should study Clausewitz. Col John C. Cole. illus Natl Guard 36:17-18 Oct '82

"You must have modern equipment consistent with your role . . ." Edwin Meese III. illus Natl Guard 36:14-15 Mar '82

Air Force

Air Guard in the total force. illus Natl Guard 36:13 Jan '82

Air National Guard. por illus tabs AF Mag 65:148-150 May '82

An airlifting experience. Air Reservist 34:8-9 Sep-Oct '82

Columbia: Saga of a spaceship. SMSgt Gerald H. Smith. illus Air Reservist 34:12-15 Dec '81/Jan '82

Coronet Cruise: Sink the ships without seeing them. Maj Kirk McManus. illus Natl Guard 36:29-30 Mar '82

The defense against Soviet bombers. Tony Velocci. illus Natl Def 67:34-38+ Jul-Aug '82

Deputy Assistant Secretary of the Air Force for Reserve Affairs speaks out. Interview. George P.A. Forschler. illus Natl Guard 36:24-27 Apr '82

NATIONAL GUARD - Continued

Air Force - Cont'd

Eleven years of progress under NGB chief (LtGen LaVern E.) Weber. illus por Natl Guard 36:10-11 Sep '82

The KC-97L: Evolution of the Air Guard's six-engine tanker. LtCol James L. Delaney, Ret. illus Aerosp Hist 29:265-268 Dec '82

Local control narrows critical skills gap. illus Natl Guard 36:26-29 Oct '82

STO (Statutory Tour Officers) . . . a link with command. Joe T. Swain. Air Reservist 34:18-19 Dec '81/Jan '82

Sudanese wait for West Virginians at the Nile junction. illus Natl Guard 36:20-23 May '82

Teaching Infantry to airmen. MSgt Ernie Husted, Jr. illus Natl Guard 36:24-27 Nov '82

The total force--full partners on the first team. Edward J. Philbin. illus AF Mag 65:38-42 Oct '82

The total force--Guard's up in Virginia. Jon R. Donnelly. illus AF Mag 65:48-52 Oct '82

The total force--is anyone working to gain employer support? Capt Michael B. Perini. illus AF Mag 65:58-61 Oct '82

The total force--'the best back-up Air Force in the world.' MajGen John B. Conaway. por illus AF Mag 65:44-45 Oct '82

A turnaround: ORI teaches inspectors. illus Natl Guard 36:13-15 Sep '82

Vista 1999 vs a plan to win. LtCol Fred Frostic. illus Armed Forces J Intl 119:17-19 Jun '82

When rapid means right now! SMSgt Gerald H. Smith. illus Air Reservist 34:16-19 May-Jun '82

History

Going home: Final flight for an old warhorse. LtCol Thomas Beal. illus Air Reservist 34:15 Feb '82

Armed Forces

Don't shoot yourself in the foot while managing your guard unit. Col Elvin C. Bell. illus Natl Guard 36:13-16 Jul '82

Individual excellence yields top NGAUS awards. illus Natl Guard 36:15-17 Jan '82

'Manpower, equipment and training.' LtGen LaVern E. Weber. illus por Natl Guard 36:18-19 Jan '82

Medical readiness of the Guard and Reserve is a total force shortage. illus Natl Guard 36:18-19+ Jun '82

NATIONAL GUARD - ContinuedArmed Forces - Cont'd

Military and civilian leaders concur: The National Guard must be a defense priority. illus Natl Guard 36:8-11 Jan '82

NGAUS Red Book: Fully equipped Guard is the goal. illus Natl Guard 36:9-12+ Apr '82

New Rx for Reserve in medical schools. illus Officer 58:24-25 Sep '82

"Reserve forces are no longer forces in reserve." Interview. Edward J. Philbin. illus Natl Guard 36:20-23 Feb '82

Resolutions seek equipment, benefits to strengthen Guard and defense posture. Natl Guard 36:26-27 Jan '82

2d annual "PRAL" (President's Recognition Awards Luncheon) spotlights NGAUS awards winners. illus Natl Guard 36:29-32 Jan '82

The SecDef's unique advisory board: Ombudsman for the Guard & Reserve. Louis J. Conti. illus tab Defense/82, pp 18-24, Dec '82

A tale of three miseries (no medical care for persons falling ill at drill). illus Natl Guard 36:27-29 Jun '82

Tax guide for Reservists. Capt R. Michael Lantz, Jr. Officer 58:26+ Feb '82

Time off for training: A guide to job rights. Capt Art House and SSgt Jean Albright. Air Reservist 34:8-9 Feb '82

A 22-year battle: Federal Tort Claims (Public Law 97-124) finally provided to the Guard. illus Natl Guard 36:18-19 Feb '82

Without this equipment how can we be C-1? Excerpted from DOD annual report on the status of National Guard and reserve component equipment. illus Natl Guard 36:9-13 Jun '82

Equipment

"You must have modern equipment consistent with your role . . ." Edwin Meese III. illus Natl Guard 36:14-15 Mar '82

Army

All-Black Guard Infantry regiments leave mark on military history. illus Natl Guard 36:17-18 May '82

The Army Guard is an integral part of the active Army. illus Natl Guard 36:12 Jan '82

Army National Guard strength tops 400,000. LtGen Emmett H. Walker, Jr. illus Army 32:140-143+ Oct '82

Eleven years of progress under NGB chief (LtGen LaVern E.) Weber. illus por Natl Guard 36:10-11 Sep '82

NATIONAL GUARD - ContinuedArmy - Cont'd

First Guardsman attends Uniform Services Medical School. Natl Guard 36:17-18+ Sep '82

Fulltime inspectors general assigned to Reserve Components. Natl Guard 36:10-11+ May '82

Fully modernized Cobras in the National Guard. LtCol Jerold J. Jensen. USA Avn Dig 28:24-25 Jan '82

Guard commands Regulars? "Never happen," you say. illus Natl Guard 36:20-21+ Sep '82

The Guard's combat success depends on logistics. Col James G. McKnight. illus Natl Guard 36:24-27 Aug '82

Guardsmen and their employers. Capt Arthur E. House. illus Natl Guard 36:12-15 May '82

M-60A3 tanks, ITVs roll out for the Army Guard. illus Natl Guard 36:20-22 Oct '82

1981 productive year; challenges remain. illus Officer 58:19-21 Mar '82

Physical fitness isn't just for basic trainees. illus tab Natl Guard 36:23-25+ Oct '82

"RAPS"--Regional Accident Prevention Survey Program. Timothy Flynn. illus USA Avn Dig 28:28-29 May '82

Rangers jump into Ripley snowdrifts. Reed C. Hildreth. illus Natl Guard 36:26-28 May '82

Reserve components maintenance structure. Maj James M. Dickson, Jr. Army Log 14:34-35 Jan-Feb '82

Reversal of roles: Guard commands. SSgt Thomas F. Doherty. illus Natl Guard 36:9-11 Feb '82

'Round out' is alive, working in Georgia. MajGen John R. Galvin. illus Army 32:36-39+ Nov '82

Seven goals provide guiding light. LtGen Julius W. Becton, Jr. illus Officer 58:12-14 Oct '82

The thin green line (personnel on active duty in the Army National Guard tour program). Col James B. Fleming. illus Natl Guard 36:25-27 Mar '82

Vista 1999 vs a plan to win. LtCol Fred Frostic. illus Armed Forces J Intl 119:17-19 Jun '82

'We loved your colorful language' (exchange visits between the National Guard and the Territorial Army (TA) of Britain). Maj Stanley D. S. Baldwin. illus Natl Guard 36:10-13 Aug '82

Directories

National Guard units. Army 32:229-230 Oct '82

NATIONAL GUARD - ContinuedArmy - Cont'dHistory

Constabulary or fire brigade? The Army
National Guard. Roger A. Beaumont. tab
Parameters 12:62-69 Mar '82

The Jasper Greens. Bob E. Goodenough. illus
Fld Arty J 50:47-49 Nov-Dec '82

John McAuley Palmer and the Reserve compo-
nents. Jonathan M. House. Parameters 12:
11-18 Sep '82

NATIONAL GUARD ASSOCIATION

Individual excellence yields top NGAUS
awards. illus Natl Guard 36:15-17 Jan '82

Military and civilian leaders concur: The
National Guard must be a defense priority.
illus Natl Guard 36:8-11 Jan '82

NGAUS elects new officers. illus Natl Guard
36:10-11 Nov '82

NGAUS resolutions seek equipment moderniza-
tion, benefits. Natl Guard 36:30-31 Dec
'82

The National Guard and United States foreign
policy are interwoven. illus Natl Guard
36:12-14 Dec '82

1982-83 position statement of the National
Guard Association of the United States.
Natl Guard 36:15-17 Dec '82

104th (NGAUS) General Conference: What they
said. illus Natl Guard 36:22-29 Dec '82

Resolutions seek equipment, benefits to
strengthen Guard and defense posture.
Natl Guard 36:26-27 Jan '82

2d annual "PRAL" (President's Recognition
Awards Luncheon) spotlights NGAUS awards
winners. illus Natl Guard 36:29-32 Jan '82

What has NGAUS done for you? An update on
1981 resolutions. illus Natl Guard 36:
14-16+ Aug '82

NATIONAL GUARD BUREAU

Eleven years of progress under NGB chief
(LtGen LaVern E.) Weber. illus por Natl
Guard 36:10-11 Sep '82

NATIONAL MILITARY COMMAND SYSTEMSee also

Worldwide Military Command and Control
System

Communications vulnerability. Harry V. Martin.
map illus tab Mil Sci & Tech 2:42-48 '82

NATIONAL OCEAN SURVEY

Time and tide . . . RADM H.R. Lippold, Jr. por
illus chart Mil Engr 74:28-31 Jan-Feb '82

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONSee also

National Ocean Survey

Time and tide . . . RADM H.R. Lippold, Jr. por
illus chart Mil Engr 74:28-31 Jan-Feb '82

Directories

Flag and General Officers of the Naval Ser-
vices. illus US Nav Inst Proc 108:221-251
May '82

NATIONAL POLICY

The problem of refugees in a strategic per-
spective. H. Eugene Douglas. Strat Rev 10:
11-20 Fall '82

The utility of military forces. LtGen Ray-
mond B. Furlong, Ret. AU Rev 33:29-33 Nov-
Dec '81

Australia

The hidden shoals in (Australian) Labor's
defence policy. A.W. Grazebrook. Pac Def
Rep 8:35-36 May '82

China (People's Republic)

Autonomy and China's foreign relations. Mil
Sci & Tech 2, No.1:30-35 '82

Europe, Western

Newly-formed European Institute for Security
Matters. Jochen Löser and Jan Ch. Blohm.
Armada Intl 6:122+ Mar-Apr '82

France

Analysis and perspective: Socialist France
in East-West relations. Pascal Fontaine.
AEI For Plcy & Def Rev 4, No.1:35-41 '82

France and the nuclear decision. Maj Charles
F. Feldmayer. Jt Persp 3:3-13 Winter '82

A Frenchman looks at France--from America.
(Interview with Jean-François Revel) AEI
For Plcy & Def Rev 4, No.1:46-48 '82

The politics of defense and foreign policy
in France. Dominique Moisi. AEI For Plcy
& Def Rev 4, No.1:6-8 '82

The politics of French security policy. Anton
W. DePorte and Hugh De Santis. AEI For Plcy
& Def Rev 4, No.1:27-31 '82

The relationship of France with NATO.
François de Rose. AEI For Plcy & Def Rev 4,
No.1:23-27 '82

Germany (West)

New guidelines for German arms exports. Mil
Tech 6:102+ Aug '82

Great Britain

The Falklands conflict. James Cable. illus
US Nav Inst Proc 108:70-76 Sep '82

NATIONAL POLICY - ContinuedIndonesia

Indonesia's political course firmly set.
Col Colin East. illus Pac Def Rep 9:53-56
Jul '82

Japan

Japanese security policy--a time for strategy.
Hisahiko Okazaki. Intl Sec 7:188-197 Fall
'82

Norway

Norway and the bear--Soviet coercive diplo-
macy and Norwegian security policy. Robert
K.German. Intl Sec 7:55-82 Fall '82

Soviet Union

Britain's choice of threats. James Cable.
illus US Nav Inst Proc 108:26-32 Aug '82

Cuba: Moscow's marionette. BrigGen Joseph E.
Hopkins. illus map US Nav Inst Proc 108:
58-64 Jul '82

Soviet perspective. Regular feature in issues
of Military Science & Technology

Soviet policy in the Far East: Search for
strategic unity. Patrick J.Garrity. illus
Mil Rev 62:26-38 Dec '82

United States

New directions and new problems for arms
transfers policy. David J.Louscher and
Michael D.Salomon. tabs Nav War Col Rev
35:40-47 Jan-Feb '82

Organizing for counter-terrorism. Howard R.
Simpson. illus Strat Rev 10:28-33
Winter '82

The role of the National Security Council
staff in policymaking. Maj Daniel J.Kaufman.
charts Jt Persp 3:56-67 Winter '82

The special interest state. Randy Huwa.
Parameters 12:35-43 Sep '82

Strategic concepts for the 1980s. Col William
O.Staudenmaier. Mil Rev pt 1, 62:36-50
Mar '82; pt 2, 62:38-59 Apr '82

NATIONAL POWER

The China syndrome. Edward Teller. Mil Sci &
Tech 2:37-40 '82

A respect for history. Jeane J.Kirkpatrick.
AEI For Pley & Def Rev 3, No.6:6-10 '81/'82

NATIONAL SCIENCE CENTER FOR COMMUNICATIONS AND
ELECTRONICS

A partnership for the year 2032 and beyond:
The story of the National Science Center
for Communications and Electronics. illus
Signal 37:84-86 Nov '82

NATIONAL SECURITY see Security, National

NATIONAL SECURITY COUNCIL

The role of the National Security Council
staff in policymaking. Maj Daniel J.Kaufman.
charts Jt Persp 3:56-67 Winter '82

NATIONAL SERVICEGreat Britain

National service--should it be reintroduced?
Maj K.G.F.Dann. RUSI J for Def Studies 127:
30-33 Jun '82

NATIONALISM

The battle of al-Karamah and the development
of Palestinian nationalism. Maj Gregory M.
Kortanek. illus Jt Persp 2:48-59 Spring '82

Soviet Moslems: A Russian challenge. Maj
Robert D.Anderson. map Jt Persp 3:26-35
Winter '82

U.S. options--and illusions--in Central
America. David C.Jordan. illus Strat Rev
10:53-62 Spring '82

NATURAL RESOURCES

See also
Minerals

Soviet Union

Natural gas--a political weapon for the
Soviet Union? B.Fritz. map tabs illus Intl
Def Rev 15, No.1:15-18 '82

United States

Balancing environmental and economic con-
cerns. L.H.Blakey. illus Mil Engr 74:270-
273 Jul-Aug '82

NAVAL ACADEMY, ANNAPOLIS, MD

An Australian looks at the Naval Academy.
Lt J.V.P.Goldrick. illus US Nav Inst Proc
108:44-49 Apr '82

Lejeune as a midshipman. LtCol Merrill L.
Bartlett. illus MarCor Gaz 66:73-79 May '82

Our Service academies--are they accomplishing
their missions? Col George A.Tuttle, Ret.
illus tabs Armed Forces J Intl 119:81+
Jul '82

NAVAL AIR SYSTEMS COMMAND

Why Naval Air Systems (Command) is beefing
up its costing credibility. illus Govt
Exec 14:28+ Jun '82

NAVAL ART AND SCIENCE see Military Art and
Science

NAVAL AVIATIONSoviet Union

The Soviet naval air force--the threat to NATO sea lines of communication. Maj J.F. Bennett. The Sir Robert Brooke-Popham Prize Essay. Hawk, pp 37-44, Feb '82

(Soviet Navy) their sea-based aviation. LT Kevin Lynch. illus US Nav Inst Proc 108:46-52 Oct '82

United States

Combat readiness: Naval air vs Air Force. LT Steven W. Smith. illus US Nav Inst Proc 108:41-45 Feb '82

The Crusader: Farewell to the fleet. LCDR Peter B. Mersky. illus US Nav Inst Proc 108:56-61 Jun '82

Dodo or phenix? (Structure of the U.S. carrier fleet 1985 to 2010) Joseph L. Wiggins. illus Mil Sci & Tech 2:44-50 '82

FY '83: A banner year for naval aviation? L. Edgar Prina. illus Sea Power 25:21-26 Feb '82

The new U.S. administration: A new promise to the U.S. Navy? End of a decline? Stefan Terzibaschitsch. illus tab Mil Tech pt 1, 6:44-46+ Mar '82

Now is the time to: Rethink, redesign, and redeploy naval aviation. CAPT William K. Sullivan. tab Nav War Col Rev 35:10-17 Mar-Apr '82

History

Fighters that never got to the fight. CAPT Jerry O'Rourke, Ret. illus US Nav Inst Proc pt 1, 107:71-75 Apr '81; pt 2, 108:75-79 Apr '82

NAVAL BASES

See also
Air Bases, Naval
Forward Bases

Malaysia

The Lumut naval base--the RMN (Royal Malayan Navy) in the eighties. illus Asian Def J No.8:44-46+ Aug '82

United States

Naval bases are entered by name and location as given by the U.S. Organization Chart Service's U.S. Military and Government Installation Directory.

Directories

Guide to military installations in the U.S. illus maps AF Times, Times Magazine sup: entire issue Apr 5 '82

Moffett Field, CA

The Navy as neighbor. CAPT Andrew C.A. Jam-poler. illus US Nav Inst Proc 108:50-56 Sep '82

NAVAL BASES - ContinuedUnited States - Cont'dPuget Sound Navy Yard

Puget Sound Navy Yard. Philip P. Judt. illus US Nav Inst Proc 108:46-57 Feb '82

Whidbey Island NAS, WA

Simulators play key role in EA-6B pilot training. Hal Gershano. illus J of Elect Def 5:60-62 Sep '82

NAVAL BASES, AMERICANIndian Ocean Region

Diego Garcia: Political clouds over a vital U.S. base. Joel Larus. illus Strat Rev 10:44-45 Winter '82

Philippines

Key U.S. bases in the Philippines. Alvin J. Cottrell. illus Natl Def 67:31+ Dec '82

NAVAL ELECTRONIC SYSTEMS COMMAND

NAVELEX commander cites progress in C³, ELF, and JTIDS. Interview. RADM Henry D. Arnold. por chart Def Elect 14:51-52+ Apr '82

NAVELEX looks to future in serving the electronic needs of the fleet. illus Def Elect 14:59-62 Apr '82

NAVAL FACILITIES ENGINEERING COMMAND

Improving water quality at Pearl Harbor. John H. Rayner and Alfred E. Makino. illus map Mil Engr 74:100-103 Mar '82

The NAVFAC (Naval Facilities Engineering Command) story. RADM William M. Zobel. por chart illus Mil Engr 74:10-14 Jan-Feb '82

NAVAL LIFE see Military LifeNAVAL MATERIAL COMMANDSee also

Naval Air Systems Command
Naval Electronic Systems Command
Naval Facilities Engineering Command
Naval Sea Systems Command

(Armed Forces materials support). charts Natl Def 66:35-51 Jan '82

NAVAL SEA SYSTEMS COMMAND

NAVSEA (Naval SEA Systems Command): Management development pays off. John Walker Hartigan. Govt Exec 14:56-57 Mar-Apr '82

The role of career development in meeting engineering staffing needs. Dolph Corradino. illus Def Mgt J 18:32-37 Fourth Quarter '82

NAVAL STATIONS see Naval Bases

NAVAL WARFARE

Aerial minelaying: Possibly the most potent sea warfare technique for the UK. SqLdr G. Skinner. illus RUSI J for Def Studies 126:57-61 Dec '81

Alliance security beyond NATO's boundaries. ADM James D. Watkins. illus por NATO's Fifteen Nations Special Issue No.2:97-98+ '82

Antiship missiles launch new tactics. CAPT William J. Ruhe, Ret. illus US Nav Inst Proc 108:60-65 Dec '82

Bluewater blueprint: The fleet of the future--some guiding principles. John E. Moore. illus Sea Power pt 1, 25:119-120+ Apr '82; pt 2, The fleet of the future--the impact of technology. James W. Lisanby and Reuven Leopold. 25:127-128+ Apr '82

The Cape of Good Hope and the free world. RADM E.F. Gueritz. Asian Def J No.11:60-62 Nov '82

Combat by order of the interceptor. William D.O'Neil. Mil Sci & Tech 2:64-70 '82

The Falklands conflict: The air war. Derek Wood and Mark Hewish. illus Intl Def Rev pt 1, 15, No.8:977-980 '82; pt 2, Missile operations. 15, No.8:1151-1154 '82; pt 3, Naval operations. 15, No.10:1340-1343 '82

Fast attack craft. Milan Vego. illus tabs NATO's Fifteen Nations 27:63-64+ Oct-Nov '82

The foreword to Jane's (Fighting Ships). Sea Power 25:33-42 Aug '82

An interview with Admiral (James D.) Watkins. James D. Hessman and Vincent C. Thomas, Jr. Interview. illus por Sea Power 25:22+ Oct '82

Is technology the culprit? CAPT J.R. See-sholtz. illus US Nav Inst Proc 108:46-50 Jun '82

The Maverick missile counters modern sea weapons. CMDR Joseph Wiggins. illus Mil Elect/Countermeasures 8:42-47 Nov '82

Navy--3-dimensional capability at sea. ADM Thomas B. Hayward. illus Defense/82, pp 10-17, Apr '82

The need to protect shipping outside NATO. tab Asian Def J No.6:65-66+ Jun '82

On creating an enemy. Robert B. Bathurst. Nav War Col Rev 34:14-26 Nov-Dec '81

Pirates and naval officers. LCDR John N. Petrie. Nav War Col Rev 35:15-24 May-Jun '82

Silence is golden--or is it? illus Mil Elect/Countermeasures 8:28-30 Oct '82

Special warfare assault craft and forces: An international perspective. David Fitzgerald. illus Mil Tech 6:31-32+ Jul '82

Theater nuclear warfare and the U.S. Navy. LCDR T. Wood Parker. Nav War Col Rev 35: 3-16 Jan-Feb '82

NAVAL YARDS see Naval BasesNAVIGATION

See also specific types of Navigation, e.g.,
Radar Navigation

Equipment

"Brain surgery" for the C-5. Maj Anthony Lynn Batezel. illus Airman 26:45-48 Feb '82

NAVIGATION, AIR

Bringing aerial mapping down to earth. Darrell Maddox. illus Navigator 29:25-26 Spring '82

Flying in clouds. LtCol G. Baldenkov. Soviet Mil Rev No.11:21-22 Nov '82

Low level down under (training missions to Australia). 1stLt Donald A. Welch. Combat Crew 32:7+ Feb '82

The PASTAGRAM--revised and explained. Maj Michael J. Sieverding. illus Navigator 29: 13-15 Winter '82

TLAR (That Looks About Right) vs the 60:1 rule. Capt Mark Stornont. illus Combat Crew 32:14-15+ Feb '82

History

Navigation--a proud heritage. Capt Walter W. Woodruff. illus Navigator 29:25-27 Winter '82

NAVIGATION, CELESTIAL

Longitude by visual observation. LtCol John C. Stafford. illus Navigator 29:22-24 Summer '82

One-shot night celestial. Capt Michael J. Sieverding. illus tabs Navigator 29:27-31 Spring '82

Star identification. tabs Navigator pt 1, 28:15-19 Summer '81; pt 2, 28:21-24 Winter '81; pt 3, 29:22-24 Spring '82

NAVIGATION, INERTIAL

"Brain surgery" for the C-5. Maj Anthony Lynn Batezel. illus Airman 26:45-48 Feb '82

INS (Inertial Navigation System)/DNS (Doppler Navigation System): Does it really work or is it magic? Maj Edward K. Whisman and Capt Robert E. Mustard. Combat Crew pt 1, 32:23-24 Jan '82; pt 2, 32:18-19 Feb '82

Inertial navigation systems. C.G. Heath. illus Pac Def Rep 8:63-67 Feb '82

NAVIGATION INSTRUMENTS

See also specific types of Instruments, e.g.,
Sextants

NAVIGATION INSTRUMENTS - Continued

Inertial navigation systems. C.G.Heath.
illus Pac Def Rep 8:63-67 Feb '82

New-generation Alpha Jet--greater capability
in navigation and attack. Germain Chambost.
illus tab Intl Def Rev 15, No.8:1049-1052
'82

NAVIGATION SYSTEMSSee also

Loran
Omega
Tacan

ARNIE (AN/ARN-101 Digital Modular Avionics
System)--the WSO's friend. Capt Randall R.
Schmidt. Navigator 29:18-19 Winter '82

The DNS (Doppler Navigation Systems) moni-
tored localizer approach. Capt Dale A.
Smith. illus Navigator 29:28-29 Winter '82

Electronic navigation aids. Chris Heath. Pac
Def Rep 8:55-56+ Jun '82

Land navigation systems. K.Arbenz. illus
Armada Intl 6:36+ Sep-Oct '82

History

Navigation--a proud heritage. Capt Walter W.
Woodruff. illus Navigator 29:25-27 Winter
'82

Reliability

INS (Inertial Navigation System)/DNS (Dop-
pler Navigation System): Does it really
work or is it magic? Maj Edward K.Whisman
and Capt Robert E.Mustard. Combat Crew
pt 1, 32:23-24 Jan '82; pt 2, 32:18-19
Feb '82

NAVIGATORS

ARNIE (AN/ARN-101 Digital Modular Avionics
System)--the WSO's friend. Capt Randall R.
Schmidt. Navigator 29:18-19 Winter '82

The C-5A. Capt Kimberly H.Gilbert. map illus
Navigator 29:5-7 Summer '82.

Life after navigation. Capt Thomas D.Brown,
Jr. Combat Crew 32:6-7 Jul '82

Major General (Irwin P.) Graham. Interview.
por Navigator 29:10-12 Summer '82

Navigation--a proud heritage. Capt Walter W.
Woodruff. illus Navigator 29:25-27 Winter
'82

Navigators for the 80's in the RAF. WgComdr
P.H.Eustace. illus Navigator 29:13-15
Spring '82

Education and Training

Electronic warfare training at Mather (AFB,
CA). Capt Patrick Reynolds. illus Navigator
29:18-21 Spring '82

NAVIGATORS - ContinuedEducation and Training - Cont'd

From Pegasus to Arcturus (The Spitz Planeta-
rium at Mather AFB, CA, helps train naviga-
tors). SSgt Craig Pugh. illus Airman 26:
10-14 Oct '82

Lowry Technical Training Center, Lowry AFB,
CO, Commander. Interview. MajGen Titus C.
Hall. por illus Navigator 29:9-12 Spring
'82

NAVY

See also subdivision Navy under specific
subjects, e.g.,
Appropriations and Expenditures--Navy--U.S.

Professional notes. Regular feature in issues
of United States Naval Institute Proceedings

Special warfare assault craft and forces: An
international perspective. David Fitzgerald.
illus Mil Tech 6:31-32+ Jul '82

Biography

(ADM James D.) Watkins named to succeed
(ADM Thomas B.) Hayward as CNO. James D.
Hessman. por Sea Power 25:41 Apr '82

The man who changed the Navy. Interview.
ADM Elmo R.Zumwalt, Jr, Ret. illus por
AF Times, Times Magazine sup:12-15+
Mar 1 '82

Secretary (John F.) Lehman outspoken advocate.
Interview. illus por Officer 58:19-22
Feb '82

Forces, Squadrons, etcUnited States

Western military hydrofoils come of age. Alan
Blunden. illus tab Intl Def Rev 15, No.2:
155-160 '82

Africa

Africa's navies are defining their functions,
capabilities and budgets. Mike Gable. Def
& For Aff 10:13-14+ Jan-Feb '82

Africa, North

Middle Eastern, North African, and South
Asian navies. William L.Dowdy III. illus
map US Nav Inst Proc 108:48-55 Mar '82

Africa, Sub-Saharan

African navies south of the Sahara. Robert L.
Scheina. illus map US Nav Inst Proc 108:
56-59 Mar '82

Asia

The Far Eastern navies. Lts J.V.P.Goldrick
and P.D.Jones. illus map US Nav Inst Proc
108:60-65 Mar '82

NAVY - ContinuedAsia, South

Middle Eastern, North African, and South Asian navies. William L. Dowdy III. illus map US Nav Inst Proc 108:48-55 Mar '82

Australia

The AV-8B could meet long-term RAN needs. Roy Braybrook. illus Pac Def Rep 8:14-16 Apr '82

After Invincible--where next? A.W. Grazebrook. illus Pac Def Rep 9:25+ Sep '82

Air arm of the Royal Australian Navy. illus Asian Def J No.2:88-89 Feb '82

The Australian armed forces--No.2: RAN--1981/82. A.W. Grazebrook. illus Pac Def Rep 8:210-212+ Dec '81/Jan '82

Australia's maritime air power: Where next? A.W. Grazebrook. illus Pac Def Rep 9:8-12 Jul '82

'Don't go nuclear.' Interview. VADM (David) Leach. illus Pac Def Rep 8:22-25 Jun '82

Electronic warfare--the year in retrospect. C.G. Heath. Pac Def Rep 8:239-241 Dec '81/Jan '82

How good is the Navy's anti-ship missile defence? Commodore Alan Robertson, Ret. illus tab Pac Def Rep 9:13-14+ Jul '82

New ESM system for Australian destroyers. Chris Heath. illus Pac Def Rep 8:82+ Apr '82

Stamping noisily and clutching at twigs (up-date of Australia's maritime defence equipment). illus Pac Def Rep 8:12-15 Feb '82

The Utz Committee (Australian Defence Review Committee): Time and tide do not wait. A.W. Grazebrook. illus Pac Def Rep 8:36-37+ Feb '82

Why we bought Invincible. VADM James Willis. illus Pac Def Rep 8:61-62+ Apr '82

Belgium

The Belgian Navy and mine countermeasures in the channel. VADM Andre Schlimm. illus NATO's Fifteen Nations Special Issue No.2: 28-30 '82

Brazil

The Brazilian naval modernization program. Eduardo Italo Pesce. illus US Nav Inst Proc 108:145-148 Mar '82

Cameroon

Africa's navies are defining their functions, capabilities and budgets. Mike Gable. Def & For Aff 10:13-14+ Jan-Feb '82

NAVY - ContinuedCanada

Canadian maritime forces in the far north. VADM J.A. Fulton. illus NATO's Fifteen Nations Special Issue No.2:32-34 '82

China (People's Republic)

Chinese naval force requirements: The next decade. G. Jacobs. tab illus Asian Def J No.9:40-42+ Sep '82

The Chinese Navy: Major warship capabilities. G. Jacobs. illus tab Asian Def J No.4:40-42+ '82

The "Luta" fleet (Chinese guided missile destroyers). Andrew Li. illus US Nav Inst Proc 108:131-132 Mar '82

Denmark

Crisis management in Denmark. Capt Jorgen F. Bork. illus map US Nav Inst Proc 108:104-109 Mar '82

Naval control of the Danish Straits. RADM N.F. Lange. illus map NATO's Fifteen Nations Special Issue No.2:36+ '82

Europe, Eastern

East European navies. Milan Vego. illus map US Nav Inst Proc 108:43-47 Mar '82

Europe, Western

Western European and NATO navies. Stephen S. Roberts. illus tab map US Nav Inst Proc 108:35-42 Mar '82

France

French Navy programs present and future. R.J.L. Dicker. illus Intl Def Rev 15, No.10:1393-1397 '82

French Navy to stay in Indian/Pacific Oceans. Dora Alves. Pac Def Rep 8:50+ Jun '82

Germany (West)

The BREMEN-class frigates: Planning, tasks, technology. Michael Salitter. illus Mil Tech 6:12-14+ Feb '82

The role of the German Navy in the Northern Flank area. VADM Ansgar Bethge. illus NATO's Fifteen Nations Special Issue No.2: 42-44+ '82

Ghana

Africa's navies are defining their functions, capabilities and budgets. Mike Gable. Def & For Aff 10:13-14+ Jan-Feb '82

Great Britain

(Aircraft carrier HMS) Invincible uproar in Britain. Desmond Wettern. illus Pac Def Rep 8:10-11 Feb '82

NAVY - ContinuedGreat Britain - Cont'd

Britain's choice of threats. James Cable.
illus US Nav Inst Proc 108:26-32 Aug '82

Britannia's bid for the waves. Joseph Fama.
illus Def & For Aff 9:8-11+ Nov '81

British maritime forces: The future. Adm
Henry Leach. illus RUSI J for Def Studies
127:10-15 Sep '82

A corporate endeavor: How the British people
won the battle of the Falklands. Desmond
Wettern. illus Sea Power 25:39+ Sep '82

The Falklands crisis: Emerging lessons for
power projection and force planning. Anthony
H.Cordesman. illus tabs Armed Forces J Intl
120:29-30+ Sep '82

The foreword to Jane's (Fighting Ships).
Sea Power 25:33-42 Aug '82

In the wake of the Falklands battle. ADM
Thomas H.Moorer and Alvin J.Cottrell. por
Strat Rev 10:23-28 Summer '82

The Royal Navy in the Eastern Atlantic.
Adm Sir Henry Leach. illus NATO's Fifteen
Nations Special Issue No.2:91-92+ '82

'STUFT' (Ships Taken From the Trade) in the
Falklands crisis. Desmond Wettern. illus
Pac Def Rep 9:10+ Oct '82

Sea Harrier fully operational. Roy Braybrook.
illus Intl Def Rev 15, No.1:47-51 '82

Stormy passage ahead--the future of the Royal
Navy. Derek Wood. illus tab Intl Def Rev
14, No.12:1693-1698 '81

Will Britain let Invincible go? Desmond Wet-
tern. illus Pac Def Rep 8:20-21+ Jun '82

History

The naval race in the Persian Gulf. Raphael
Danziger. illus map US Nav Inst Proc 108:
92-98 Mar '82

The Royal Navy since World War II. John E.
Woods. illus US Nav Inst Proc 108:82-90
Mar '82

Greece

The importance of the Hellenic Navy in
Southern Europe operations. VAdm Nicos
Pappas. illus NATO's Fifteen Nations
Special Issue No.2:48-50 '82

India

The Indian Navy's "Rajput" class destroyer.
illus Asian Def J No.7:38-39 Jul '82

The Indian Navy's "Talwar" class frigate.
illus tabs Asian Def J No.5:76-77 May '82

India's defence perspectives and the armed
forces. Pushpinder Singh. illus Asian
Def J No.10:12-14+ Oct '82

NAVY - ContinuedIndonesia

Naval developments in S.E. Asian region:
Current trends. P.Lewis Young. illus Asian
Def J No.2:14-15+ Feb '82

Statistics

The Indonesian Armed Forces: ABRI (Angkatan
Bersenjata Republik Indonesia)--a new
image for the '80s. Khalid Abdullah. illus
tabs Asian Def J No.5:36-38+ May '82

Italy

Anti-ship missile defence--Italian style.
Emile Pettecks-Snyder. illus Asian Def J
No.10:65+ Oct '82

The Italian naval policy. Adm Angelo Monassi.
illus NATO's Fifteen Nations 27:62+ Apr-
May '82

Shake-up in the Italian naval industry. R.J.L.
Dicker. illus Intl Def Rev 15, No.4:437-448
'82

Exhibitions

Genoa '82: The fourth Italian Naval Exhibi-
tion. Ezio Bonsignore. illus NATO's Fifteen
Nations 27:67-68+ Apr-May '82

Mostra Navale Genoa '82. Antonio Ciampi.
illus Asian Def J No.9:68-69+ Sep '82

Mostra Navale Italiana--Italian Naval Exhibi-
tion 1982. Kurt Arbenz. illus Armada Intl
6:90+ Jul-Aug '82

The 1982 Italian Naval Exhibition. illus Intl
Def Rev 15, No.7:905-910 '82

Latin America

Latin American navies. Robert L.Scheina. map
illus US Nav Inst Proc 108:30-34 Mar '82

Malaysia

The Lumut naval base--the RMN (Royal Malayan
Navy) in the eighties. illus Asian Def J
No.8:44-46+ Aug '82

Malaysia awards ASTT (Action Speed Tactical
Trainer) contract--sophisticated system
for Lumut (Naval Base). Brian Walters.
illus Asian Def J No.4:24-25 '82

Naval developments in S.E. Asian region:
Current trends. P.Lewis Young. illus Asian
Def J No.2:14-15+ Feb '82

History

Early years of the Malaysian armed forces.
illus Asian Def J No.4:23 '82

Middle East

Middle Eastern, North African, and South
Asian navies. William L.Dowdy III. illus
map US Nav Inst Proc 108:48-55 Mar '82

NAVY - ContinuedN A T O

A European option in the Indian Ocean. Christopher Coker and Heinz Schulte. illus Intl Def Rev 15, No.1:27-34 '82

The missing link ("strike hydrofoils," armed with cruise missiles and a close-in weapon system). CDR Miles A. Libbey III. illus map US Nav Inst Proc 108:36-41 Jul '82

Western European and NATO navies. Stephen S. Roberts. illus tab map US Nav Inst Proc 108:35-42 Mar '82

Netherlands

Change in Netherlands fleet plan to strengthen air defense. Capt F. de Blocq van Kuffeler, Ret. illus tabs Intl Def Rev 15, No.9:1247-1249 '82

The Netherlands. illus maps tabs NATO's Fifteen Nations 27: Special Marketing Supplement following Jun-Jul '82

The Royal Netherlands Navy on escort and ASW tasks. VAdm J.H.B. Hulshof. illus NATO's Fifteen Nations Special Issue No.2:58+ '82

Exhibitions

International Naval Technology Expo '82. illus Intl Def Rev 15, No.5:623-630 '82

New Zealand

The Royal New Zealand navy: Life begins at 40. LCdr David Davies. illus US Nav Inst Proc 108:139-141 Mar '82

Nigeria

Africa's navies are defining their functions, capabilities and budgets. Mike Gable. Def & For Aff 10:13-14+ Jan-Feb '82

Norway

Assuring the security of reinforcements to Norway. RAdm Roy Breivik. illus NATO's Fifteen Nations Special Issue No.2:66+ '82

Norwegian naval weapon control and command control systems. illus Armada Intl 6: 100-102+ Jan-Feb '82

Oman

Omani navy: Operating in troubled waters. LtCol Thomas M. Johnson and LCDR Raymond T. Barrett. illus map US Nav Inst Proc 108: 99-103 Mar '82

Pacific Region

The Far Eastern navies. Lts J.V.P. Goldrick and P.D. Jones. illus map US Nav Inst Proc 108:60-65 Mar '82

Pakistan

Pakistan: New arms purchases. illus Asian Def J No.7:29 Jul '82

NAVY - ContinuedPhilippines

The Armed Forces of the Philippines: Security through development in the 1980s. Khalid Abdullah. illus Asian Def J No.6:20-22+ Jun '82

Naval developments in S.E. Asian region: Current trends. P. Lewis Young. illus Asian Def J No.2:14-15+ Feb '82

Portugal

The Portuguese Navy and the Portuguese strategic triangle. Adm António de Sousa Leitão. illus NATO's Fifteen Nations Special Issue No.2:72-74 '82

Singapore

Naval developments in S.E. Asian region: Current trends. P. Lewis Young. illus Asian Def J No.2:14-15+ Feb '82

South Africa (Republic)

Africa's navies are defining their functions, capabilities and budgets. Mike Gable. Def & For Aff 10:13-14+ Jan-Feb '82

Walvis Bay: A naval gateway, an economic turnstile, or a diplomatic bargaining chip for the future of Namibia? Richard Dale. map RUSI J for Def Studies 127:31-36 Mar '82

Soviet Union

Admiral (Sergey G.) Gorshkov and the Soviet navy. illus map AU Rev 33:29-47 Jul-Aug '82

Alliance security beyond NATO's boundaries. ADM James D. Watkins. illus por NATO's Fifteen Nations Special Issue No.2:97-98+ '82

Another one of their new destroyers: Udaloy. CAPT J.W. Kehoe and K.S. Brower. tabs illus US Nav Inst Proc 108:115-119 Feb '82

A carrier for Admiral (Sergey G.) Gorshkov. Dov S. Zakheim. Nav War Col Rev 35:32-39 Jan-Feb '82

The cordon sanitaire--is it useful? Is it practical? LCDR Stanley F. Gilchrist. tab Nav War Col Rev 35:60-72 May-Jun '82

The foreword to Jane's (Fighting Ships). Sea Power 25:33-42 Aug '82

(John F.) Lehman seeks superiority. illus Intl Def Rev 15, No.5:547-548 '82

Moscow's most powerful fleet. Frederic N. Smith. Def & For Aff 10:30-31 Sep '82

New trends in the Soviet Navy. Norman Friedman. illus NATO's Fifteen Nations 27:42-45 Jun-Jul '82

NAVY - ContinuedSoviet Union - Cont'd

Potential Soviet responses to the U.S. submarine threat. Andrew W.Hull. (Reprinted from U.S. Naval Institute Proceedings, Jul 1978) illus Asian Def J No.4:28-30+ '82

Soviet force development. James Hansen. illus Natl Def pt 1, 66:16-19 Oct '81; pt 2, 66:22-27 Nov '81; pt 3, 66:27-30+ Feb '82

Soviet helicopters at sea. Col E.J.Everett-Heath. tab illus Intl Def Rev 15, No.7: 855-862 '82

The Soviet naval air force--the threat to NATO sea lines of communication. Maj J.F. Bennett. The Sir Robert Brooke-Popham Prize Essay. Hawk, pp 37-44, Feb '82

Soviet naval policy in the Caribbean. Capt Tom Linn. illus Def & For Aff 10:10-12 Jan-Feb '82

The Soviet Navy--supporting its oversea deployment. G.Jacobs. maps tabs illus Asian Def J No.2:40-44+ Feb '82

(Soviet Navy) their command and control. CDR Dean L.Sedgwick. US Nav Inst Proc 108:45 Oct '82

(Soviet Navy) their missions and tactics. Norman Polmar and Norman Friedman. maps illus US Nav Inst Proc 108:34-44 Oct '82

(Soviet Navy) their naval infantry. LtCol Dominik George Nargele. illus US Nav Inst Proc 108:152-156 Oct '82

(Soviet Navy) their Pacific Fleet. LCDR Gerry S.Thomas. illus US Nav Inst Proc 108:82-87 Oct '82

(Soviet Navy) their professional journal. CAPT Roger W.Barnett and Edward J.Lacey. illus US Nav Inst Proc 108:95-101 Oct '82

(Soviet Navy) their SSGs/SSGNs. Milan Vego. illus US Nav Inst Proc 108:60-68 Oct '82

(Soviet Navy) their sea-based aviation. LT Kevin Lynch. illus US Nav Inst Proc 108:46-52 Oct '82

(Soviet Navy) their surface forces. Andrew W.Hull. illus US Nav Inst Proc 108:53-59 Oct '82

(Soviet Navy) training their personnel. Robert C.Suggs. illus US Nav Inst Proc 108:88-94 Oct '82

Soviet radio electronic combat and the U.S. Navy. LCDR Guy Thomas. Nav War Col Rev 35:16-24 Jul-Aug '82

Soviet ship types. Arthur D.Baker III. illus tabs US Nav Inst Proc pt 1, 106:111-117 Nov '80; pt 2, 106:115-120 Dec '80; pt 3, 108:168-174 Oct '82

(Soviet Union) their Baltic Sea Fleet. Capt Robert D.Wyman. illus map US Nav Inst Proc 108:156-159 Oct '82

NAVY - ContinuedSoviet Union - Cont'd

(Soviet Union) their mine warfare capability. LCDR Ted S.Wile. illus US Nav Inst Proc 108:145-151 Oct '82

(Soviet Union) their Navy in 1981. Donald C. Daniel and Theodore A.Neely, Jr. illus tabs US Nav Inst Proc 108:109-110+ Oct '82

Their (Soviet Union) carrier battle group. LCDR T.J.McKearney. illus US Nav Inst Proc 108:73-81 Dec '82

The Udaloy-class destroyer--a Soviet Spruance? CAPT J.W.Kehoe, Ret and K.S.Browner. illus tabs Intl Def Rev 15, No.3:283-286 '82

The USSR polar fleet recent acquisitions. RADM N.C.Venzke. illus tab US Nav Inst Proc 108:98-99 Feb '82

Zapad 81: Successor to Okean? Gains for USSR, and some lessons for NATO. Floyd D. Kennedy, Jr. illus tab Sea Power 25:29-30+ Jan '82

History

(Soviet Navy) their "voyage of the damned." Capt Peter G.Tsouras. illus map US Nav Inst Proc 108:74-81 Oct '82

Statistics

Soviet tactical ASW threat in the Pacific. G.Jacobs. tabs illus Asian Def J No.8: 14-15+ Aug '82

Spain

The role of the Spanish Navy in the Atlantic and the Mediterranean. Adm Saturnino Suanzes de la Hidalga. illus maps NATO's Fifteen Nations Special Issue No.2:80-83 '82

Sweden

The Royal Swedish navy. Milan Vego. map US Nav Inst Proc 108:128-130 Mar '82

The Stockholm-class SPICA III. illus Asian Def J No.9:66 Sep '82

Switzerland

The Swiss Navy. W.E.Schlatter. illus Intl Def Rev 14, No.12:1701-1702 '81

TaiwanStatistics

Taiwan's armed forces. G.Jacobs. illus Asian Def J No.10:54-59+ Oct '82

Thailand

Naval developments in S.E. Asian region: Current trends. P.Lewis Young. illus Asian Def J No.2:14-15+ Feb '82

NAVY - Continued

Thailand - Cont'd

The Royal Thai Navy's "Makut Rajakumarn" class frigate. illus Asian Def J No.9: 53-54 Sep '82

The Royal Thai Navy's "Pin Klao" frigate. illus Asian Def J No.10:97-98 Oct '82

United States

See also
Military Sealift Command
also specific fleets, e.g.,
Fleet, 6th

(AFCEA) sustaining members' luncheon address. ADM John G. Williams, Jr. illus por Signal 36:21-23 Aug '82

Admiral (James D.) Watkins to be 22d Navy Chief. por Armed Forces J Intl 119:20+ Apr '82

The Aegis program: Charges and rebuttal. Col Warren P. Baker, Ret. illus Sea Power 25: 39-40 Oct '82

All the chips at sea (how computers have revolutionized the U.S. Navy). Mark Reardon. illus Sea Power 25:24-30 Jul '82

Alliance security beyond NATO's boundaries. ADM James D. Watkins. illus por NATO's Fifteen Nations Special Issue No.2:97-98+ '82

Another decision time approaches for F/A-18 Hornet program. L. Edgar Prina. illus Sea Power 25:14-16+ Sep '82

Bluewater blueprint: The fleet of the future--some guiding principles. John E. Moore. illus Sea Power pt 1, 25:119-120+ Apr '82; pt 2, The fleet of the future--the impact of technology. James W. Lisanby and Reuven Leopold. 25:127-128+ Apr '82

C³: Progress and developments. CDR R. Robinson Harris. illus US Nav Inst Proc 108: 114-117 Dec '82

CVNs (aircraft carriers) forever! Forever? CAPT Gerald O'Rourke, Ret. illus US Nav Inst Proc 108:20-26 Jul '82

The captain. CDR John L. Byron. US Nav Inst Proc 108:39-45 Sep '82

Caribbean--the urgency grows. Paul Seidenman. illus Natl Def 67:20-25 Dec '82

The case for the CVNs (nuclear-powered aircraft carriers)--I: A common-sense rationale. Vincent C. Thomas, Jr. illus map Sea Power 25:10-11+ Jun '82

The case for the CVNs (nuclear-powered aircraft carriers)--II: The debate in Congress. L. Edgar Prina. illus Sea Power 25:27-29+ Jun '82

NAVY - Continued

United States - Cont'd

Case for the Nimitz class aircraft carrier. Address, Navy Section, ROA National Convention, San Juan, Jun 1982. illus Officer 58:19-21 Sep '82

(Chairman of the Senate Armed Service Committee). Interview. Sen John Tower. illus por Sea Power 25:27-32 Mar '82

Computers: Our aging workhorses. LCDR James S. Bristow. US Nav Inst Proc 108:55-60 Aug '82

Counting the 600-ship Navy. CAPT Brent Baker. tabs illus US Nav Inst Proc 108:209-210 May '82

DDG-51: A new class of destroyers for the U.S. Navy. William Ruhe. illus Mil Tech 6:89-90 Nov '82

Elevation of the U.S. fleet. CAPT Richard B. Laning, Ret. illus US Nav Inst Proc 108: 32-37 Aug '82

The enemy below: Update on Navy ASW programs and systems. Thomas B. Allen. illus Sea Power 25:11-12+ Oct '82

Extending the horizon. Norman Polmar. illus US Nav Inst Proc 108:121-124 Dec '82

FY '83: A banner year for naval aviation? L. Edgar Prina. illus Sea Power 25:21-26 Feb '82

Fast and furious: The FFG-7 program, and what comes next. CAPT Walter R. Thomas, Ret. tab illus Sea Power 25:31-34+ Sep '82

The Fleet connection (Navy R&D). Richard Boyle. illus US Nav Inst Proc 108:57-61 Sep '82

Forecasting future forces. Capt Charles D. Allen, Jr., Ret. illus tab US Nav Inst Proc 108:74-80 Nov '82

The foreword to Jane's (Fighting Ships). Sea Power 25:33-42 Aug '82

Four options, 600 ships, and anonymous critics. L. Edgar Prina. tabs illus Sea Power 25:48+ May '82

The Gulf of Sidra incident: A legal perspective. CDR Dennis R. Neutze. illus map US Nav Inst Proc 108:26-31 Jan '82

Guns vs butter--without the guns? Col John G. Miller and Maj H.W. Peterson. illus US Nav Inst Proc 108:32-37 Jan '82

Implications of space to the U.S. Navy. Eberhardt Rechtin. Signal 36:57-59 Mar '82

In the wake of the Falklands battle. ADM Thomas H. Moorer and Alvin J. Cottrell. por Strat Rev 10:23-28 Summer '82

The Iowa class: Needed once again. Howard W. Serig, Jr. illus US Nav Inst Proc 108: 134-149 May '82

NAVY - Continued

United States - Cont'd

- (John F.) Lehman seeks superiority. illus Intl Def Rev 15, No.5:547-548 '82
- A joint approach to C³I. Edgar Ulsamer. AF Mag 65:54-57 Dec '82
- Management of change. Capt M.Eckhart, Jr. Ret. illus US Nav Inst Proc 108:50-56 Jul '82
- Maneuver warfare at sea. CDR Robert J.Kelsey. illus US Nav Inst Proc 108:30-36 Sep '82
- Mine warfare. Deborah M.Kyle. illus Armed Forces J Intl 119:70-72 Apr '82
- Mines wait but we can't! LT Edward J.Rogers. illus tab US Nav Inst Proc 108:51-54 Aug '82
- A much-needed lift. Vincent C.Thomas, Jr. illus Sea Power 25:22+ Nov '82
- Naval support ships: The case for civilian manning. David A.Leff and Thomas W.Scoville. Def Mgt J 18:36-42 Third Quarter '82
- (Navy) overhauling (program). W.Eric Casey. illus Armed Forces J Intl 119:66-68+ Apr '82
- The Navy prepares for a chemical/biological/war. Elliott Hurwitz. illus US Nav Inst Proc 108:113-116 Aug '82
- Navy--3-dimensional capability at sea. ADM Thomas B.Hayward. illus Defense/82, pp 10-17, Apr '82
- The Navy's war on drugs. Jay Finegan. illus AF Times, Times Magazine sup:4-8+ Jun 7 '82
- Navy's war on drugs: Why they call it "Hammer and Help." Govt Exec 14:26-27+ Oct '82
- New CNO (Chief of Naval Operations) sees strengthened role. Interview. illus por Officer 58:17-20 Jul '82
- The new defense budget, and how it shrank. Kenneth E.Cornell. Sea Power 25:33-34 Mar '82
- New role for mine warfare. RADM C.F.Horne III. illus por US Nav Inst Proc 108:34-40 Nov '82
- The new U.S. administration: A new promise to the U.S. Navy? End of a decline? Stefan Terzibaschitsch. illus tab Mil Tech pt 1, 6:44-46+ Mar '82
- Not in my Navy. LTJG Sal A.Paolantonio. illus tabs US Nav Inst Proc 108:38-43 Aug '82
- Of budgets and fleets. James D.Hessman. illus tabs Sea Power 25:27-34 Feb '82
- The offensive-passive ship. Capt Robert C. Powers. illus US Nav Inst Proc 108:46-49 Jan '82
- The once and future Congress: Final action on FY 1982, and an advance look at FY 1983. L.Edgar Prina. illus Sea Power 25:17-23 Jan '82

NAVY - Continued

United States - Cont'd

- Once under attack, Trident becomes most survivable program. L.Edgar Prina. illus Sea Power 25:81-82+ Jun '82
- An overview of surface Navy ESM/ECM development. Richard D.Curtis. illus J of Elect Def 5:27-38 Mar '82
- PEB (Propulsion Examining Boards): Is it working? CAPT Abe Greenberg, Ret and LCDR Russell M.Blauvelt. illus US Nav Inst Proc 108:34-40 Feb '82
- PHMs (guided missile patrol combatant hydrofoils) speed through sea trials with flying colors. James D.Hessman and Mary Ann Edwards. illus Sea Power 25:51-52 Nov '82
- The program for a stronger Navy: On course . . . full speed ahead! John Lehman. illus Defense/82, pp 18-24, Oct '82
- Requiem for the Sixth Fleet? CDR P.T.Deutermann. illus US Nav Inst Proc 108:46-49 Sep '82
- The role of the U.S. surface Navy in nuclear war. Joseph D.Douglass, Jr and Amoretta M. Hoeber. illus US Nav Inst Proc 108:57-63 Jan '82
- Sea services. Regular feature in issues of National Defense
- Secretary (John F.) Lehman outspoken advocate. Interview. illus por Officer 58:19-22 Feb '82
- Secretary of Defense. Interview. Caspar W. Weinberger. illus por Sea Power 25:79-80+ Apr '82
- Secretary of the Navy--John Lehman. Interview. por Def Sci 2000+ 1:27-30+ May-Jun '82
- Secretary of the Navy--John F.Lehman, Jr. Rosalyn O.Barry. Interview. por Mil Sci & Tech 2:22-27 '82
- Shipboard EW systems--where we are; and how to proceed into the 1980's. Harold E.Cre-craft. illus J of Elect Def 5:61-66+ Mar '82
- Shipboard simulation moves to sea. Paul Seidenman. illus Natl Def 66:24-27 Mar '82
- Should naval officers be strategists? Berend D.Bruins. illus US Nav Inst Proc 108:52-56 Jan '82
- Spending patterns of the United States Navy, 1921-1941. Thomas C.Hone. tabs Armed Forces & Soc 8:443-462 Spring '82
- Status of Navy EW and C-C³. RADM Albert A. Gallotta, Jr. illus Signal 36:23-27 Apr '82
- Strategy and the Navy's 1983-87 program: Skepticism is warranted! William R.Van Cleave. illus tabs Armed Forces J Intl 119:49-51 Apr '82

NAVY - ContinuedUnited States - Cont'd

Theater nuclear warfare and the U.S. Navy.
LCDR T.Wood Parker. Nav War Col Rev 35:
3-16 Jan-Feb '82

Tomorrow's fleet. CDR John D.Alden, Ret. illus
tabs US Nav Inst Proc 108:113-122 Jan '82

Unique ILS (Integrated Logistics Support)
considerations of a variable payload ship.
Frank R.McLaughlin and Robert E.Boerum.
Log Spectrum 16:15-23 Winter '82

U.S. foreign policy and the Navy. G.Jacobs.
illus tabs Asian Def J No.7:19-23+ Jul '82

The U.S. Navy: A new destroyer class. Norman
Polmar. illus tab US Nav Inst Proc 108:
122-124 Aug '82

"We'd be better off building what we know
we can build today and putting it out in
the fleet." Interview. ADM John G.Wil-
liams, Jr. illus tabs por Armed Forces J
Intl 119:54+ Apr '82

Weinberger: 'Our primary goal is to establish
and maintain maritime superiority.' L.Edgar
Prina. illus Sea Power 25:50+ Mar '82

Where have all the sailors gone? ENS Ronald
D.Fricker, Jr. illus tabs US Nav Inst Proc
108:70-73 Aug '82

Whither U.S. naval strategy? RADM Robert J.
Hanks, Ret. por Strat Rev 10:16-22 Summer
'82

Whole Navy must be ready to fight a war.
Excerpts from remarks, Naval Reserve
change of command ceremony, Oct 21, 1982.
illus por Officer 58:14-16 Dec '82

Why is Navy "destabilizing" the P3 aircraft
program? illus Govt Exec 14:35-36 Feb '82

Window on naval defense. Broadcast on Window
on Wall Street, 1982. illus Sea Power
25:31-34+ Dec '82

Chronology

Naval and maritime events 1981. CAPT Brent
Baker. illus US Nav Inst Proc 108:49-50+
May '82

Equipment

An interview with Admiral (James D.) Watkins.
James D.Hessman and Vincent C.Thomas, Jr.
Interview. illus por Sea Power 25:22+
Oct '82

Exhibitions

U.S. Navy League 1982--weapon systems pro-
liferate. illus Intl Def Rev 15, No.6:
793-796 '82

History

A fleet for all seasons. Col James W.Hammond,
Jr, Ret. illus US Nav Inst Proc 108:66-72
Dec '82

Uncle Carl (Vinson). Capt John F.Tarpey. por
illus US Nav Inst Proc 108:38-45 Jan '82

NAVY - ContinuedUnited States - Cont'dStatistics

Changes in the status of ships: Fiscal year
1981. Samuel L.Morison. Tables only. US
Nav Inst Proc 108:123-124 Jan '82

The dwindling muster. CDR Donald L.Pilling.
illus tabs US Nav Inst Proc 108:34-39 Jun
'82

New defense guidance tells services 'to get
in step.' L.Edgar Prina. Sea Power 25:
43-44+ Aug '82

Tomorrow's fleet. CDR John D.Alden, Ret. illus
tabs US Nav Inst Proc 108:113-122 Jan '82

The U.S. Navy: Selling (and buying) abroad.
Norman Polmar. tabs illus US Nav Inst Proc
108:213-215+ May '82

U.S. rebuilding its maritime warfare capa-
bility. A.W.Grazebrook. illus tabs Pac Def
Rep 9:11-12+ Aug '82

NAVY EXCHANGES see Exchanges--Navy

NAVY LEAGUE

Navy League 80th Convention. illus Sea Power
25:66-76 Jun '82

The 1982 NLUS (Navy League of the United
States) declaration of principles and ob-
jectives. illus Sea Power 25:26-31 May '82

U.S. Navy League 1982--weapon systems pro-
liferate. illus Intl Def Rev 15, No.6:
793-796 '82

Directories

Navy League of the United States--1982-1983
national directory. Sea Power 25:77-80
Jun '82

NEGOTIATION

An after-look at history (shipbuilding con-
troversies). Edward Hidalgo. illus Sea
Power 25:42+ Apr '82

Noncoercive inducements in U.S.--Soviet con-
flicts: Ending the occupation of Austria
and nuclear weapons tests. Louis Kriesberg.
J Pol & Mil Sociol 9:1-16 Spring '81

A revival for MBFR (Mutual and Balanced Force
Reductions)? Stanley R.Sloan. Natl Def 67:
30-32+ Jul-Aug '82

NEGROES IN THE ARMED FORCES see Blacks in the
Armed Forces

NETHERLANDS

The Netherlands. illus maps tabs NATO's
Fifteen Nations 27: Special Marketing Sup-
plement following Jun-Jul '82

NETHERLANDS - ContinuedForeign RelationsUnited States--History

Two hundred years of American-Dutch relations. Maj Hans L. Zwitter. illus map Mil Rev 62:3-12 Apr '82

Strategic Importance

The Netherlands (gateway to Europe). Gen C. De Jager. NATO's Fifteen Nations Special Issue No. 2:62+ '81

NEUTRALITY

Neutralism and neutrality. Günther Diehl. illus NATO's Fifteen Nations 27:28+ Aug-Sep '82

Europe, Western

Public opinion and alliance security. Geoffrey E. Pattie. illus Strat Rev 10:71-79 Spring '82

GermanyHistory

Neutralism and neutrality. Günther Diehl. illus NATO's Fifteen Nations 27:28+ Aug-Sep '82

Switzerland

Switzerland means to defend its neutrality. Mark Lambert. illus Interavia 37:557-564 Jun '82

NEUTRON BOMB

Is there any protection against neutron weapons? W. Seifritz. tabs Intl Def Rev 14, No. 12:1571-1572 '81

Neutron weapons: Solution to a surprise attack? Col Daniel Gans. illus tabs map Mil Rev pt 1, 62:19-37 Jan '82; pt 2, 62:55-73 Feb '82

The problem of modernizing NATO's theater nuclear force. Alex Gliksman. illus map Natl Def pt 1, 66:20-23 Feb '82; pt 2, 66:34-38 Mar '82

Whither the neutron bomb? Samuel T. Cohen. Def Sci 2000+ 1:22-23 May-Jun '82

NEW ZEALANDDescription and Travel

The closest friends--and most distant allies: A new look at Australia and New Zealand. Vincent C. Thomas, Jr. illus Sea Power 25:43-54 Oct '82

NEW ZEALAND - ContinuedForeign RelationsUnited States

The importance of ANZUS. Henry S. Albinski. (Adapted from An American Policy for Asia: The 1980s and Beyond, edited by R.H. Myers, 1982) illus Pac Def Rep 8:33+ Dec '81/Jan '82

NEWMAN, Aubrey S.

Punishment: Speak it or write it? MajGen A.S. Newman. illus Army 32:72-73 Feb '82

NEWS MEDIA

Beating Moscow in the war of ideas and ideals. Maurice Tugwell. Nav War Col Rev 35:48-59 May-Jun '82

CBS News, General Westmoreland, and the pathology of information. LtCol Evan H. Parrott, Jr. AU Rev 33:100-106 Sep-Oct '82

Disinformation: War with words. AF Mag 65:85-87 Mar '82

GAO: DOD investigation of press leak proper. AF Times 43:17 Nov 22 '82

(Gen William C.) Westmoreland sues CBS for \$120-million over "Vietnam deception" documentary. Benjamin F. Schemmer. por Armed Forces J Intl 120:12+ Oct '82

The military/industrial myth: High roads, low roads . . . and guerilla public relations. John J. McGrath. Govt Exec 14:28-30 Jan '82

Public affairs guidance for handling confirmed cases of fraud, waste, and abuse. Gen Lew Allen, Jr. TIG Brief 34:1-2 Mar 5 '82

Strategy and the social dimension in the 1980s. WgComdr Nigel B. Baldwin. AU Rev 33:112-115 Jan-Feb '82

Using freedom to destroy it. (Excerpt from the Accuracy in Media's AIM Report, 1 Dec 1981) Reed Irvin. illus Officer 58:22-26 Mar '82

NEWSPAPERS

No news: Self-censorship in the Marine Corps. Maj Robert N. Roman. illus MarCor Gaz 66:50-53 Jul '82

History

The Stars and Stripes forever--for 40 years, bringing the news to GIs. Michele McCormick. illus AF Times, Times Magazine sup:18-20+ Dec 6 '82

NICHOLS, Bill

Nichols to military: We won't turn our backs on you. Interview. Rep Bill Nichols. illus por AF Mag 65:62-65 May '82

NICHOLS, Bill - Continued

104th (NGAUS) General Conference: What they said. illus Natl Guard 36:22-29 Dec '82

NIGHT FIGHTING

Night-vision capability and the Falklands campaign. illus Armada Intl 6:78+ Sep-Oct '82

Platoon attack at night. Maj V.Popov. illus Soviet Mil Rev No.10:29-31 Oct '82

Warfare in the dark. E.K.Stodola. illus Signal 37:52-54 Oct '82

Equipment

Night vision market grows as systems approach production. illus tab Def Elect 14:105-107 Nov '82

Night vision technology. Maj John H.Daly. illus MarCor Gaz 66:18-20 Dec '82

History

Night fighting over Europe. Donald S.Lopez. illus Navigator 29:18-21 Summer '82

NIGHT FLYING

Effect of different runway sizes on pilot performance during simulated night landing approaches. Henry W.Mertens and Mark F. Lewis. tabs illus Aviation, Space & Envmt Med 53:463-471 May '82

Fatigue at night: A case study. TAC Attack 22:14-15 Dec '82

Knights train for the night. Maj Frank L. Carson and CW3 Owen D.Scruggs. illus USA Avn Dig 28:3-5 Sep '82

Looking at night air refueling under a different light. TSGT Edward F.Mazzini. illus Combat Crew 32:8-9 Jun '82; Flying Safety 38:10-12 Aug '82

Night flying & fatigue. TAC Attack 22:4-6 Nov '82

One-shot night celestial. Capt Michael J. Sieverding. illus tabs Navigator 29:27-31 Spring '82

Wars don't stop at night. Brian Wanstall. illus Interavia 37:773-775 Aug '82

NOISE

Is SOSUS (SOUND SURveillance System) an underwater Maginot Line? Jim Bussert. illus map Mil Elect/Countermeasures 8:43-46 Jul '82

Noise abatement and flying neighborly. Col John H.Boysen. illus tabs USA Avn Dig 28:40-44 Nov '82

Noise impact prediction and control. Paul Schomer. illus Mil Engr 74:178-180 Apr '82

NONAPPROPRIATED FUNDS

Breakdown in Morale, Welfare, and Recreation (MWR) internal controls. TIG Brief 34:16 Apr 30 '82

The military resale system: Its past . . . its present . . . does it have a future? Rep Dan Daniel. Interservice 2:12-14+ Spring '82

NONCOMMISSIONED OFFICERS

Enlisted career news. Regular feature in issues of Air Defense Magazine

Air Force--U.S.

E-9s move into AFO (Accounting and Finance Operations) slots once reserved for officers. AF Times 42:26 May 31 '82

Inside a Chiefs board (Central Chief Master Sergeant Evaluation Board). CMSgt Dave Sheeder. illus Airman 26:39-48 Aug '82

NCOs must display leadership and professionalism. Arthur L.Andrews. por AF Mag 65:81-82 May '82

Time in grade cut for E-9 promotion. Don Mace. AF Times 43:1+ Oct 11 '82

Armed Forces--France

French NCOs--career strategies and attitudes. Hubert Jean-Pierre Thomas and Christian Rosenveig. illus tabs Armed Forces & Soc 8:275-301 Winter '82

Armed Forces--U.S.

E-9 'pick' cycle extended o'seas. AF Times 42:14 Apr 19 '82

Army--U.S.

Can-do NCOs--with clout--can help cohesion problem. LtCol W.Darryl Henderson. illus Army 32:18-22 Mar '82

Combat service support. Capt Douglas E.Lute and MSgt Edmund L.Devereaux III. Armor 91:42-43 Jul-Aug '82

Enlisted career notes. Regular feature in issues of Infantry

'Marching orders' for NCOs--keep up with change in '80s. SMA William A.Connelly. illus Army 32:26-30 Oct '82

NCO promotions--the file is the key. MSgt Mike Mason. illus Soldiers 37:28-31 Mar '82

The specialist/sergeant controversy. CSGM John W.Gillis. Armor 91:6-7 Nov-Dec '82

Marine Corps--U.S.

The flying sergeants. Mid Michael F.Belcher. illus US Nav Inst Proc 108:73-76 Feb '82

NONCOMMISSIONED OFFICERS ACADEMIES

SNCOA improves course for nonresident students. Don Mace. AF Times 42:7 Jun 28 '82

NONRESIDENT TRAINING see Correspondence Schools and Courses

NORMANDY CAMPAIGN, 1944

The Goodwood concept--situating the appreciation. Charles J. Dick. map tab RUSI J for Def Studies 127:22-28 Mar '82

NORTH AMERICAN AEROSPACE DEFENSE COMMAND

NORAD adds radar, optics to increase space defense. David M. Russell. illus Def Elect 14:82-86 Jul '82

The resurgence of strategic defense. Gen James V. Hartinger. illus Defense/82, pp 30-36, Jun '82

Silent runs the parade (NORAD's Space Defense Operations Center (SPADOC) keeps track of man-made space objects). MSgt David B. Drachlis. illus Airman 26:10-13 Aug '82

NORTH AMERICAN AIR DEFENSE COMMAND see North American Aerospace Defense Command

NORTH ATLANTIC TREATY ORGANIZATION

See also

Allied Command Atlantic
Allied Command Channel
Allied Command Europe
NATO Integrated Communications System

also subdivision under specific subjects, e.g.,
Defenses--NATO

ACE: Challenges for the fourth decade. Gen Bernard W. Rogers. illus por NATO's Fifteen Nations 27:22-24+ Feb-Mar '82

AWACS for NATO. CAPT A.G. Russell, Ret. illus US Nav Inst Proc 108:109-112 Aug '82

Advice from an ally: President Reagan's first year--a European view. Patrick Wall. illus tab Sea Power 25:33-39 Jan '82

The air force of the Federal German Republic: The RAF's youngest ally. GpCapt R.A. Mason. Hawk, pp 73-80, Feb '82

Allocating resources for Western Europe's defence. David Greenwood. illus tab NATO's Fifteen Nations 27:20+ Oct-Nov '82

Automating NATO's command centers. Thomas E. Gernon. illus Signal 37:45-51 Dec '82

Counter C3--NATO's approach. Gen Richard L. Lawson. illus por J of Elect Def 5:41-44 May '82

Danger in the Maghrib: A growing threat to NATO's south? CDR Bruce L. Valley. RUSI J for Def Studies 126:62-66 Dec '81

Defence and security in the European Community. Niels Haagerup. illus NATO's Fifteen Nations 27:38-40+ Aug-Sep '82

Defense burden sharing: A brief scorecard on our major allies (and ourselves). Anthony H. Cordesman. tabs Armed Forces J Intl 120:64+ Oct '82

NORTH ATLANTIC TREATY ORGANIZATION - Continued

Deterrence and arms control--NATO's security policy. Friedrich Ruth. illus NATO's Fifteen Nations 27:14-16+ Feb-Mar '82

Divorce in the family of weapons (NATO's lack of standardization). Richard Sale. illus Def & For Aff 10:4-7 Mar '82

Doing business with NATO. Signal 37:79-80 Dec '82

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 65:140-143 Dec '82

A European option in the Indian Ocean. Christopher Coker and Heinz Schulte. illus Intl Def Rev 15, No.1:27-34 '82

The Europeanization of NATO: A restructured commitment for the 1980s. Jeffrey Record. AU Rev 33:23-28 Sep-Oct '82

Extending the analysis beyond the two superpowers: Adding in the allies. tab Defense/82, pp 16-17, May '82

The Falklands: A stern lesson for NATO planners. Joseph G. DiLullo. Def & For Aff 10:28-29 Sep '82

France and the nuclear decision. Maj Charles F. Feldmayer. Jt Persp 3:3-13 Winter '82

The French armed forces under Mitterand. Clare Hollingsworth. illus Def & For Aff 9:10-14 Oct '81

Future NATO air C². David A. Facey and Richard D. Ventry. Signal 37:61-62+ Dec '82

The future of standardization in NATO. Maj Laurence R. Sadoff. illus tab Mil Rev 62:47-54 Feb '82

"A growing anti-Alliance attitude threatens free world defense." Interview. MajGen Richard C. Bowman, Ret. illus por Armed Forces J Intl 119:66+ Feb '82

Guardians of the northern flank. Charles W. Corddry. illus map AF Mag 65:160-162 Sep '82

Has NATO C I gone haywire? Deborah M. Kyle and Deborah G. Meyer. illus Armed Forces J Intl 120:56+ Dec '82

Iberia: The new blood for a sorely-trying Europe. Dennis Culkin. illus Def & For Aff 9, No.14:6-9+ '81

In focus. Regular feature in issues of Air Force Magazine

The influence of the northern flank upon the master of the seas. Gen Anthony Farrar-Hockley. maps Nav War Col Rev 35:4-14 May-Jun '82

Innovations to support our NATO commitment. Lawrence J. Korb. illus Defense/82, pp 2-7, Nov '82

The intermediate nuclear force balance in Europe. Intl Def Rev 15, No.4:381 '82

NORTH ATLANTIC TREATY ORGANIZATION - Continued

Issues facing the new administration. Albert C. Pierce. tab AEI For Plcy & Def Rev 3, No.4-5:47-70 '81

(John) Nott speaks out--an interview with Britain's Secretary of State for Defence. Intl Def Rev 14, No.12:1569-1570 '81

The long term defence programme. Rolf Brand. illus NATO's Fifteen Nations 27: 46-47+ Oct-Nov '82

Major issues facing NATO. Stanley R. Sloan. illus Natl Def 66:20-22+ Mar '82

Maneuver, mobile defense, and the NATO central front. John J. Mearsheimer. map Intl Sec 6:104-122 Winter '81/'82

Manifesto of a German atlanticist. Franz Josef Strauss. Strat Rev 10:11-15 Summer '82

Manpower versus force structure: The need for a new approach to mutual and balanced force reductions in Europe. LtCol Werner Baach. illus tab Jt Persp 2:60-71 Spring '82

Military issues within the Atlantic Alliance. Brig Kenneth Hunt. Nav War Col Rev 35:48-57 Sep-Oct '82

Mobilization for a European war: The impact of habeas corpus. Maj Jon P. Bruinooge. AF Law Rev 22, No.3:205-281 '81/'82

NAMFI (NATO Missile Firing Installation): Professional support in an ideal setting. LtCol Allan J. Futernick. illus Air Def Mag, pp 10-12, Apr-Jun '82

NATO: A look at the past and future decades. (Interview with NATO Secretary Gen Joseph M.A.H. Luns) David Fouquet. illus Def & For Aff 10:58-59 Apr '82

NATO C³, IFF, and EW being upgraded. illus Def Elect 14:50+ May '82

NATO command and control. MajGen Richard C. Bowman. Ret. illus por tabs map Armed Forces J Intl 119:58+ Feb '82

NATO defense budget still short. Glenn Wasson. tabs Def Elect 14:62+ May '82

NATO EW--areas for cooperation. V. Garber. J of Elect Def 5:45-48 May '82

NATO in a chemical warfare environment: Defense is not enough. Maj Duncan G. Koller. illus Jt Persp 3:48-57 Summer '82

NATO logistics support: Process and perspective. Maj Jeffrey W. Cook. AF Law Rev 22, No.3:282-301 '81/'82

NATO--the status of C : A SHAPE Technical Centre perspective on NATO C³ developments. Erik Klippenberg. Signal 37:23-24 Dec '82

NORTH ATLANTIC TREATY ORGANIZATION - Continued

NATO--the status of C³: ACE missions--C³ needs. Gen Bernard W. Rogers. Signal 37:26 Dec '82

NATO--the status of C³: C³--a transition in the Northern Europe Command. Gen Anthony Farrar-Hockley. Signal 37:19-20 Dec '82

NATO--the status of C : C challenges in the Southern Region. ADM W.J. Crowe. tab Signal 37:17+ Dec '82

NATO--the status of C : C requirements--Eastern Atlantic area. Adm John Fieldhouse. Signal 37:20 Dec '82

NATO--the status of C : Consultation and C³. Vadm D.A. Collins, Ret. Signal 37:16 Dec '82

NATO--the status of C : NATO C³. ADM Harry D. Train II. Signal 37:27 Dec '82

NATO--the status of C : NATO C³--a look at the 80s. MajGen William G. MacLaren, Jr. Signal 37:24+ Dec '82

NATO--the status of C : NATO C³: Key element of future deterrence. Vitalij Garber. Signal 37:23 Dec '82

NATO under tension. T.B. Millar. Pac Def Rep 8:15-16 May '82

NATO's challenges and opportunities. Gen T.R. Milton. Ret. illus map AF Mag 65:150-154 Sep '82

NATO's changing role. Signal 36:182-183 Jan '82

Neutron weapons: Solution to a surprise attack? Col Daniel Gans. illus tabs map Mil Rev pt 1, 62:19-37 Jan '82; pt 2, 62: 55-73 Feb '82

New directions in NATO C³. Dennis C. Marquis. illus Signal 37:39-42 Dec '82

The new weaponry revolution and NATO. Pierre M. Gallois. AEI For Plcy & Def Rev 4, No.1: 17-23 '82

No homes for over a thousand aircraft? (Interview with Tidal W. McCoy) LuAnne K. Levens. illus Armed Forces J Intl 119:96-97 May '82

No NATO C I "check-out counter." Benjamin F. Schemmer. map Armed Forces J Intl 120:66-67 Dec '82

The North Atlantic Treaty. International Institute for Strategic Studies. illus tabs map chart AF Mag 65:81-84+ Dec '82

Norway and the bear--Soviet coercive diplomacy and Norwegian security policy. Robert K. German. Intl Sec 7:55-82 Fall '82

NORTH ATLANTIC TREATY ORGANIZATION - Continued

The problem of modernizing NATO's theater nuclear force. Alex Gliksman. illus map Natl Def pt 1, 66:20-23 Feb '82; pt 2, 66:34-38 Mar '82

Public opinion and alliance security. Geoffrey E. Pattie. illus Strat Rev 10:71-79 Spring '82

Rapid reinforcement of NATO. Maj James Crumley, Jr. illus Airlift 4:16-19 Fall '82

The relationship of France with NATO. Francois de Rose. AEI For Plcy & Def Rev 4, No.1:23-27 '82

Russian roulette. LtCol Richard B. Rothwell. illus map US Nav Inst Proc 108:49-55 Dec '82

The security policy options for non-Communist Europe. Maj-Gen Jochen Löser, Ret. illus tabs Armada Intl 6:66-68+ Mar-Apr '82

South Africa and the Western Alliance 1949-81: A history of illusions. Christopher Coker. map RUSI J for Def Studies 127:34-40 Jun '82

The Soviet naval air force--the threat to NATO sea lines of communication. Maj J.F. Bennett. The Sir Robert Brooke-Popham Prize Essay. Hawk, pp 37-44, Feb '82

Spain and NATO. Capt Ramón Jaudenes Agacino. map illus Intl Def Rev 15, No.5:549-550 '82

Spain and NATO. Col Jonathan Alford. Intl Def Rev 15, No.4:385-386 '82

Spain and NATO: ¿Como va? LT Shannon Keenan. illus map US Nav Inst Proc 108:117-120 Apr '82

The state of the Alliance--a European view. Henri Simonet. illus NATO's Fifteen Nations 27:16-18 Oct-Nov '82

Superpower arms control and the NATO allies: A question of interests. CDR Bruce L. Valley. Nav War Col Rev 34:42-48 Nov-Dec '81

Systems approach to multinational acquisition: NATO AWACS. George K. Chacko and LtCol Bruce N. Stratvert. illus tabs Concepts 4:90-106 Autumn '81

TACEVAL (Tactical Evaluation) . . . Pershing's ARTEP. LtCol Myron F. Curtis. illus Fld Arty J 50:50-51 Sep-Oct '82

Third AFCEA/NATO symposium: NATO C -- requirements and realism (Brussels, Belgium, Oct 27-29, 1982). illus Signal 37:73+ Dec '82

12 flags over Texas. (Pilots from NATO countries train at Sheppard AFB, TX) MSgt Alan Prochoroff. illus Airman 26:2-7 Nov '82

The two-way street--a view from Europe on the uneven balance (between NATO and the Warsaw Pact). Patrick Wall. illus tab Sea Power 25:68+ Apr '82

NORTH ATLANTIC TREATY ORGANIZATION - Continued

The unbuilt street--defense industrial cooperation within the Alliance. Thomas A. Callaghan, Jr. illus NATO's Fifteen Nations 27:26+ Oct-Nov '82

UK air defence--a NATO necessity. AVN P.R. Harding. Hawk, pp 15-26, Feb '82; NATO's Fifteen Nations Special Issue No.1:54-55+ '82

U.S. forces in Europe: Why and whether? (Adapted from address, Konrad Adenauer Stiftung, Bonn, Sep 5, 1981) Angelo M. Codevilla. Intl Sec Rev 6:465-476 Winter '81/'82

Warning time (in a NATO versus Warsaw Pact framework). Maj Donald L. Mercer. illus Mil Rev 62:14-18 Jan '82

What lies ahead for NATO? Patrick Wall. Def & For Aff 10:60-61 Apr '82

Who goes there? Pardon me? NATO IFF heading for communications gap. Dan Boyle. illus Interavia 37:574-575 Jun '82

Defense College

30 years--NATO Defence College. Adm Robert H. Falls and others. illus NATO's Fifteen Nations 26:58-61 Dec '81-Jan '82

Foreign Economic RelationsSoviet Union

Soviet crisis and western disunity: Contending timetables. Brian Crozier. Strat Rev 10:21-28 Fall '82

United States

The unbuilt street--defense industrial cooperation within the Alliance. Thomas A. Callaghan, Jr. illus NATO's Fifteen Nations 27:26+ Oct-Nov '82

Foreign RelationsGermany (West)

The "peace movement" and NATO: An alternative view from Bonn. Manfred Werner. illus Strat Rev 10:15-21 Winter '82

Greece

The Greek military regime (1967-1974) and the Cyprus question--origins and goals. Constantine P. Danopoulos. tab J Pol & Mil Sociol 10:257-273 Fall '82

History

NATO: A troubled alliance. George Gibbs. illus map Asian Def J No.9:30-31+ Sep '82

Organization

The Central Europe pipeline system. BrigGen Claude M. Kicklighter. illus por NATO's Fifteen Nations Special Issue No.2:84+ '81

NORTH ATLANTIC TREATY ORGANIZATION - ContinuedOrganization - Cont'd

The changed picture: NAEW (NATO Airborne Early Warning). MajGen L.R.Palmerton. illus por NATO's Fifteen Nations Special Issue No.1:46+ '82

The defence of the Northern German plain. Gen Michael Gow. illus NATO's Fifteen Nations Special Issue No.2:34-36 '81

NATO: A troubled alliance. George Gibbs. illus map Asian Def J No.9:30-31+ Sep '82

The new defence: The consequences of a credible conventional deterrent on NATO industry-to-industry cooperation. Vitalij Garber. illus tabs NATO's Fifteen Nations Special Issue No.1:64-68 '82

The short cut. (NATO's Central Army Group (CENTAG)) Gen Frederick J.Kroesen. illus map NATO's Fifteen Nations Special Issue No.2:40+ '81

NORTH SEA REGION

The influence of the northern flank upon the master of the seas. Gen Anthony Farrar-Hockley. maps Nav War Col Rev 35:4-14 May-Jun '82

Strategic Importance

The role of the German Navy in the Northern Flank area. VAdm Ansgar Bethge. illus NATO's Fifteen Nations Special Issue No.2:42-44+ '82

NORTH VIETNAM see VietnamNORTHWEST PASSAGE see Arctic RegionsNORWAY

(Norway and its Air Force are) linchpins of the north. Col Lester J.Johnsen, Ret. illus AF Mag 65:168-170+ Sep '82

Foreign RelationsSoviet Union

Norway and the bear--Soviet coercive diplomacy and Norwegian security policy. Robert K.German. Intl Sec 7:55-82 Fall '82

Strategic Importance

Assuring the security of reinforcements to Norway. RAdm Roy Breivik. illus NATO's Fifteen Nations Special Issue No.2:66+ '82

Norway. MajGen Magne Tobias Sørensen. illus NATO's Fifteen Nations Special Issue No.1:36 '82

NUCLEAR BOMBS

See also
Neutron Bomb

NUCLEAR BOMBS - Continued

Aircraft/bomb compatibility. TIG Brief 34:7 Apr 16 '82

Whither the neutron bomb? Samuel T.Cohen. Def Sci 2000+ 1:22-23 May-Jun '82

Effects

EMP (ElectroMagnetic Pulse): An increasingly important nuclear weapons effect. Capt Jay C.Willis. illus tab Air Def Mag, pp 12-16, Jan-Mar '82

Electromagnetic pulse. Khurshid Ahmad Khan. Islamic Def Rev 7, No.2:16-18 '82

Is there any protection against neutron weapons? W.Seifritz. tabs Intl Def Rev 14, No.12:1571-1572 '81

NUCLEAR ENERGY PLANTS

Here are entered articles on the facilities and means used in the production of electrical power by use of nuclear energy.

The politics of nuclear power. Audrey Parry. illus Asian Def J No.11:79+ Nov '82

India

India's nuclear programme. S.K.Ghosh. map Asian Def J No.10:84-85+ Oct '82

United States

Space nuclear power system safety reviews. TIG Brief 34:14 Mar 5 '82

NUCLEAR EXPLOSIONS

Stopping nuclear weapons explosions: The vital next step. tab Def Monitor 11, No.8: entire issue '82

Survivable display terminals for the tactical nuclear environment. Clay Burdick. illus tab Mil Elect/Countermeasures 8:46-47+ Mar '82

NUCLEAR POWER

French political parties and defense policy--divergences and consensus. Pierre Dabezies. Armed Forces & Soc 8:239-256 Winter '82

Space nuclear power system safety reviews. TIG Brief 34:14 Mar 5 '82

Economic Aspects

America's plutonium predicament. Arnold Kramish. Strat Rev 10:48-54 Summer '82

International Aspects

The Israeli raid on Iraq: A new proliferation landscape. Amos Perlmutter. illus Strat Rev 10:34-43 Winter '82

The politics of nuclear power. Audrey Parry. illus Asian Def J No.11:79+ Nov '82

NUCLEAR POWER - ContinuedInternational Control - Cont'dHistory

Nuclear proliferation. Lawrence Freedman.
illus NATO's Fifteen Nations 26:16-18+
Dec '81-Jan '82

NUCLEAR POWER PLANTS

See also
Nuclear Reactors

The politics of nuclear power. Audrey Parry.
illus Asian Def J No.11:79+ Nov '82

The role of simulation--a survey of the capabilities of Thomson-CSF. Col Norman L. Dodd, Ret. illus (Also cutaway) Asian Def J No.5:81-84 May '82

NUCLEAR POWER PLANTS (SHIPS) see Ships, Nuclear PoweredNUCLEAR REACTORS

America's plutonium predicament. Arnold Kramish. Strat Rev 10:48-54 Summer '82

The bombing of Osirac (nuclear facility)--revisited. Shai Feldman. Intl Sec 7:114-142 Fall '82

The Israeli raid on Iraq: A new proliferation landscape. Amos Perlmutter. illus Strat Rev 10:34-43 Winter '82

NUCLEAR WARFARE

The AMF80 modular NBC shelter. B.Fritz. illus tab Intl Def Rev 15, No.11:1590-1592 '82

Alternative strategies for the West. Francois de Rose. illus NATO's Fifteen Nations 27:14-17 Jun-Jul '82

Antinuclear medics win DOD skirmish. AF Times 42:10 Jan 11 '82

Civil defense in a nuclear war. Edgar Ulsamer. illus AF Mag 65:70-73 Jun '82

Counterforce and alliance: The ultimate connection. Earl C.Ravenal. Intl Sec 6:26-43 Spring '82

DOD cautious in appraisal of bishops' nuclear policy. Allen E.Carrier. AF Times 43:4 Nov 15 '82

Defense, war-fighting and deterrence. Colin S.Gray. Nav War Col Rev 35:38-43 Jul-Aug '82

Defensive use of tactical nuclear weapons. Capt Joseph R.Ceram. Fld Arty J 50:46-47 Jul-Aug '82

Deterrence: After the golden age. (Ira C. Eaker 1st Prize Essay) Maj Leslie J. Hamblin. AU Rev 33:24-30 Jan-Feb '82

Doctrinal option: The potential of the enhanced radiation warhead in Europe. Lt Geoffrey C.Davis. illus Fld Arty J 50:48-50 Jul-Aug '82

NUCLEAR WARFARE - Continued

Employment of ADMs (Atomic Demolition Munitions). Col Gerald C.Brown and Maj James H. Glock. Mil Rev 62:33-37 Nov '82

The evolution of U.S. nuclear doctrine and the need for a countervailing strategy. Maj Roger D.Lewis. illus Jt Persp 2:38-47 Spring '82

For MX: Closely spaced basing. Edgar Ulsamer. AF Mag 65:20+ Nov '82

French political parties and defense policy--divergences and consensus. Pierre Dabezies. Armed Forces & Soc 8:239-256 Winter '82

General aviation assets are overlooked in postnuclear attack planning. Clinton H. Whitehurst, Jr and Michael W.Broadway. tab map AU Rev 33:96-100 Nov-Dec '81

General calls advance plan U.S. myth. (Interview with BrigGen Yevgeny M.Tatarnikov) Sandro Viola. Mil Sci & Tech 2, No.1:24-26 '82

In defense of counterforce. Victor Utgoff. Intl Sec 6:44-60 Spring '82

Inadvertent nuclear war? Escalation and NATO's Northern Flank. Barry R.Posen. map Intl Sec 7:28-54 Fall '82

Is Soviet strategic doctrine superior? Donald W.Hanson. Intl Sec 7:61-83 Winter '82/'83

M-X and the balance of power: Reasserting America's strength. Anthony H.Cordesman. illus tabs Armed Forces J Intl 120:21-22+ Dec '82

Mutual deterrence and strategic arms limitation in Soviet policy. Raymond L.Garthoff. Strat Rev 10:36-51 Fall '82

NBC defense--a German viewpoint. H.Stelzmüller. illus Intl Def Rev 15, No.11:1571-1577 '82

A new NBC clothing concept from France. B.Fritz. illus tab Intl Def Rev 15, No.11:1587-1588 '82

On prolonged nuclear war. Richard B.Foster. Intl Sec Rev 6:497-518 Winter '81/'82

Preparing for nuclear war: President Reagan's program. map tabs illus Def Monitor 10, No.8: entire issue '82

Question for U.S. strategic modernization: Why "ride out" a Soviet attack? Blair Stewart. illus Strat Rev 10:44-52 Spring '82

A rational approach to nuclear disarmament. Caspar W.Weinberger. por Defense/82, pp 2-7, Aug '82

Religion and national security. James V. Schall. Intl Sec Rev 7:135-154 Summer '82

The role of the U.S. surface Navy in nuclear war. Joseph D.Douglass, Jr and Amoretta M. Hoeber. illus US Nav Inst Proc 108:57-63 Jan '82

NUCLEAR WARFARE - Continued

- Russian roulette. LtCol Richard B. Rothwell. illus map US Nav Inst Proc 108:49-55 Dec '82
- "A smoking radiating ruin at the end of two hours": Documents on American plans for nuclear war with the Soviet Union, 1954-1955. David A. Rosenberg. tab Intl Sec 6: 3-38 Winter '81/'82
- Soviet perceptions of nuclear strategy and implications for U.S. deterrence. Stephen M. Millett. AU Rev 33:50-61 Mar-Apr '82
- Soviet strategic doctrine: Another view. Richard Pipes. Strat Rev 10:52-58 Fall '82. Rebuttal. Raymond L. Garthoff 10:58-63 Fall '82
- Strategic analysis and MX deployment. Col Thomas A. Fabyanic, Ret. Adapted from chapter in National Security Issues: Choices and Limits, edited by Stephen J. Cimbala. Strat Rev 10:29-35 Fall '82
- Tactical nuclear weapons: Are they a real option? LtGen A.S. Collins, Jr, Ret. illus Army 32:36-39 Jul '82
- Tactical nuclear weapons in Europe. Jonathan Alford. NATO's Fifteen Nations Special Issue No.2:76-78+ '81
- The theater nuclear threat. Joseph D. Douglass, Jr. Parameters 12:71-81 Dec '82
- Theater nuclear warfare and the U.S. Navy. LCDR T. Wood Parker. Nav War Col Rev 35: 3-16 Jan-Feb '82
- U.S. strategic forces: How would they be used? Desmond Ball. Intl Sec 7:31-60 Winter '82/'83
- West German party politics and theater nuclear modernization since 1977. David S. Yost and Thomas C. Glad. Armed Forces & Soc 8:525-560 Summer '82

Whither the neutron bomb? Samuel T. Cohen. Def Sci 2000+ 1:22-23 May-Jun '82

Medical Aspects

Is there any protection against neutron weapons? W. Seifritz. tabs Intl Def Rev 14, No.12:1571-1572 '81

NUCLEAR WEAPONSSee also

Missiles
Nuclear Bombs

- America's plutonium predicament. Arnold Kramish. Strat Rev 10:48-54 Summer '82
- Civil defense in a nuclear war. Edgar Ulsamer. illus AF Mag 65:70-73 Jun '82
- Defensive use of tactical nuclear weapons. Capt Joseph R. Cerami. Fld Arty J 50:46-47 Jul-Aug '82
- Doctrinal option: The potential of the enhanced radiation warhead in Europe. Lt Geoffrey C. Davis. illus Fld Arty J 50:48-50 Jul-Aug '82

NUCLEAR WEAPONS - Continued

- Exodus or entrenchment: The Catholic dilemma of duty. LCDR John N. Petrie. Nav War Col Rev 35:69-76 Jul-Aug '82
- Logistics and nuclear weapons. RADM Henry E. Eccles, Ret. Log Spectrum 16:37-38 Summer '82
- The military balance. International Institute for Strategic Studies. tabs charts map Pac Def Rep 8:67-168+ Dec '81/Jan '82
- Nuclear biological and chemical defence. Col A.G. Vicary and WgComdr J. Wilson. illus RUSI J for Def Studies 126:7-12 Dec '81
- Nuclear weapons and the Atlantic Alliance. McGeorge Bundy and others. Reprinted from Foreign Affairs, Spring 1982. Parameters 12:79-87 Jun '82
- Nuclear weapons for defense? Edward Teller. Mil Sci & Tech 2:56 '82
- The political utility of nuclear weapons: The 1973 Middle East Crisis. Barry M. Blechman and Douglas M. Hart. Intl Sec 7:132-156 Summer '82
- Russian roulette. LtCol Richard B. Rothwell. illus map US Nav Inst Proc 108:49-55 Dec '82
- Soviet military power: Questions and answers. Def Monitor 11, No.1: entire issue '82
- Superweapons. Earl F. Ziemke. Parameters 12: 32-42 Dec '82
- Thinking about nuclear terrorism. Thomas C. Schelling. Intl Sec 6:61-77 Spring '82

International Control

Britain, Trident and nuclear non-proliferation. Dan Keohane. RUSI J for Def Studies 126:21-26 Dec '81

Can we be secure with a nuclear freeze? Gen David C. Jones. illus tabs Defense/82, pp 12-19, Jul '82

Control of nuclear weapons in Europe. Alex Gliksman. illus Natl Def 66:43-49 Apr '82

Early thoughts on controlling the nuclear arms race--a report to the Secretary of State, January 1953. McGeorge Bundy. Intl Sec 7:3-27 Fall '82

The future of nuclear weapons. Michael Mandelbaum. Nav War Col Rev 35:58-79 Sep-Oct '82

Safety Measures

The Air Force nuclear weapon surety program. TIG Brief 34:5 Aug 27 '82

Air refueling? What does that have to do with me? TIG Brief 34:12 Sep 27 '82

Aircraft/bomb compatibility. TIG Brief 34:7 Apr 16 '82

Are you violating Air Force policy? TIG Brief 34:4 Dec 20 '82

NUCLEAR WEAPONS - ContinuedSafety Measures - Cont'd

Convoy security (for a nuclear weapon). TIG Brief 34:8 Jan 8 '82

The directorate of nuclear surety and its mission. TIG Brief 34:3-4 Jul 23 '82

The dull sword: A black mark? TIG Brief 34:17 Aug 6 '82

Flatbed trailers. TIG Brief 34:11 Nov 29 '82

Ground handling of explosives-loaded aircraft. TIG Brief 34:7 Feb 5 '82

Nuclear safety certification of combat delivery vehicles. TIG Brief 34:21 Oct 11 '82

Nuclear safety deficiency (Dull Sword) reporting. TIG Brief 34:21-22 May 28 '82

Nuclear surety: A break in the action? TIG Brief 34:4 Jan 22 '82

Nuclear surety for older weapon systems. TIG Brief 34:19 Aug 6 '82

Nuclear surety officer proficiency. TIG Brief 34:4 Jul 9 '82

Pregnancy in the 46- and 316XX career fields. TIG Brief 34:12 Nov 15 '82

Security of PNAF (Primary Nuclear Airlift Force) missions. TIG Brief 34:3 Aug 6 '82

USAF Nuclear Surety Journal. TIG Brief 34:5 Feb 19 '82

Statistics

Preparing for nuclear war: President Reagan's program. map tabs illus Def Monitor 10, No.8: entire issue '82

U.S.-Soviet military facts. tabs map Def Monitor 11, No.6: entire issue '82

Testing

Stopping nuclear weapons explosions: The vital next step. tab Def Monitor 11, No.8: entire issue '82

France

Deterrence through terror or deterrence through defense--the emerging nuclear debate. Marc Geneste. Armed Forces & Soc 8:223-238 Winter '82

France and the nuclear decision. Maj Charles F.Feldmayer. Jt Persp 3:3-13 Winter '82

Franco-American relations: A retrospective view. Stuart Highton. RUSI J for Def Studies 127:28-31 Mar '82

French defense: An American appreciation. John H.Kelly. tabs AEI For Pcly & Def Rev 4, No.1:41-46 '82

French political parties and defense policy--divergences and consensus. Pierre Dabezies. Armed Forces & Soc 8:239-256 Winter '82

NUCLEAR WEAPONS - ContinuedFrance - Cont'd

French security policy--decisions and dilemmas. Edward A.Kolodziej. tab Armed Forces & Soc 8:185-221 Winter '82

The nuclear armament of France. François de Rose. illus NATO's Fifteen Nations 27:28+ Feb-Mar '82

Great Britain

Britain's strategic nuclear deterrent. John Barraclough. illus NATO's Fifteen Nations 27:32-33+ Feb-Mar '82

British Defence White Paper: Nuclear threat the prime concern. illus Asian Def J No.9: 94 Sep '82

India

India joins in the race for nuclear weapons. illus Asian Def J No.2:28 Feb '82

India's nuclear programme. S.K.Ghosh. map Asian Def J No.10:84-85+ Oct '82

Middle East

The bombing of Osiraq (nuclear facility)--revisited. Shai Feldman. Intl Sec 7:114-142 Fall '82

N A T O

A German view of arms control and east-west security. Heinz Schulte. illus maps tab Intl Def Rev 15, No.10:1369-1374+ '82

The intermediate nuclear force balance in Europe. Intl Def Rev 15, No.4:381 '82

Intermediate range nuclear forces--problems and perspectives. Simon Lunn. illus tabs NATO's Fifteen Nations 27:46-48 Feb-Mar '82

Major issues facing NATO. Stanley R.Sloan. illus Natl Def 66:20-22+ Mar '82

NATO's theatre nuclear weapons face Soviet challenge. AVM Stewart Menaul. illus map tab Asian Def J No.6:54-57 Jun '82

The "peace movement" and NATO: An alternative view from Bonn. Manfred Worner. illus Strat Rev 10:15-21 Winter '82

The problem of modernizing NATO's theater nuclear force. Alex Gliksman. illus map Natl Def pt 1, 66:20-23 Feb '82; pt 2, 66:34-38 Mar '82

Public opinion and alliance security. Geoffrey E.Pattie. illus Strat Rev 10:71-79 Spring '82

The right freeze and the wrong freeze. Edgar Ulsamer. illus AF Mag 65:82-85 Oct '82

Theatre nuclear forces in Europe. International Institute for Strategic Studies. tabs AF Mag 65:143-145 Dec '82

Western deterrence: Posture and rationale. GpCapt R.A.Mason. AU Rev 33:2-10 May-Jun '82

NUCLEAR WEAPONS - ContinuedN A T O - Cont'dStatistics

Tactical nuclear weapons in Europe. Jonathan Alford. NATO's Fifteen Nations Special Issue No.2:76-78+ '81

Soviet Union

Estimating the Soviet--U.S. strategic balance. illus tabs AF Mag 65:145-147 Dec '82

The future of nuclear weapons. Michael Mandelbaum. Nav War Col Rev 35:58-79 Sep-Oct '82

Stopping nuclear weapons explosions: The vital next step. tab Def Monitor 11, No.8: entire issue '82

Theater nuclear arms control and forward-based systems. John Borawski. AU Rev 33: 11-19 May-Jun '82

Western deterrence: Posture and rationale. GpCapt R.A.Mason. AU Rev 33:2-10 May-Jun '82

Third World

Managing nuclear multipolarity. John J.Weltman. Intl Sec 6:182-194 Winter '81/'82

United States

Congress concerned over transfer of DOE's nuclear programs to commerce. Benjamin F. Schemmer. Armed Forces J Intl 119:12+ Feb '82

The directorate of nuclear surety and its mission. TIG Brief 34:3-4 Jul 23 '82

Employment of ADMs (Atomic Demolition Munitions). Col Gerald C.Brown and Maj James H. Glock. Mil Rev 62:33-37 Nov '82

Estimating the Soviet--U.S. strategic balance. illus tabs AF Mag 65:145-147 Dec '82

Flight from reality. RADM George H.Miller, Ret. illus US Nav Inst Proc 108:44-48 Dec '82

The future of nuclear weapons. Michael Mandelbaum. Nav War Col Rev 35:58-79 Sep-Oct '82

Management of nuclear airlift mission support. TIG Brief 34:3-4 Jun 11 '82

Nuclear freeze: A necessary first step. Def Monitor 11, No.7: entire issue '82

Nuclear stockpile management (Defense Nuclear Agency's role). Col Richard A.Stephans, Ret and LCDR Mahlon E.Register. illus Army Log 14:2-5 May-Jun '82

Preparing for nuclear war: President Reagan's program. map tabs illus Def Monitor 10, No.8: entire issue '82

NUCLEAR WEAPONS - ContinuedUnited States - Cont'd

Stopping nuclear weapons explosions: The vital next step. tab Def Monitor 11, No.8: entire issue '82

Tactical nuclear weapons: Are they a real option? LtGen A.S.Collins, Jr, Ret. illus Army 32:36-39 Jul '82

Theater nuclear arms control and forward-based systems. John Borawski. AU Rev 33: 11-19 May-Jun '82

Theater nuclear warfare and the U.S. Navy. LCDR T.Wood Parker. Nav War Col Rev 35: 3-16 Jan-Feb '82

Why does the United States need ICBMs? Colin Gray. illus NATO's Fifteen Nations 27:80-84 Aug-Sep '82

The world lives dangerously: A strategic overview. T.B.Millar. illus Pac Def Rep 8:23-24+ Dec '81/Jan'82

Warsaw Pact

Theatre nuclear forces in Europe. International Institute for Strategic Studies. tabs AF Mag 65:143-145 Dec '82

NURSE CORPSAir Force--U.S.

See also
Flight Nurses

Midwives make their mark. TSgt Lorenzo D. Harris. illus Airman 26:36-40 Nov '82

NURSES AND NURSING

See also
Flight Nurses

Inservice education and training for the medical Reservist. TIG Brief 34:7 Jan 22 '82

Nursing service committees. TIG Brief 34:16 Nov 15 '82

Quality assurance in documentation of nursing care. TIG Brief 34:16 Aug 27 '82

NUTRITION

Battling the bulge. SSgt Jim Katzaman. illus Airman 26:10-14 Nov '82

Cardiorespiratory assessment of 24-hour crash-diet effects on altitude, +Gz, and fatigue tolerances. Michael T.Lategola and others. tabs Aviation, Space & Envt Med 53:201-209 Mar '82

NUTRITION - Continued

Dieting and flying. Col Lowell C. Suckow. Flying Safety 38:21 Mar '82

A fresh approach to meat marketing in the military. David H. Stroud. tabs Interservice pt 1, 2:23-26+ Spring '82; pt 2, Boxed beef offers unique solutions to military commissary system. 2:45-48+ Summer '82; pt 3, Helping patrons overcome mysteries at the meat counter. 2:60+ Fall '82

NUTRITION - Continued

Physiological, biochemical, and performance responses to a 24-hour crash diet. E. Arnold Higgins and others. illus tabs Aviation, Space & Envmt Med 53:210-217 Mar '82

NUTTING, Wallace H.

104th (NGAUS) General Conference: What they said. illus Natl Guard 36:22-29 Dec '82

O E R see Effectiveness Reports

O J T see On-the-Job Training

O P E C see Organization of Petroleum Exporting Countries

O S I see Office of Special Investigations

O T S see Officer Training School

OBESITY see Physical Fitness

OBSTACLES (MILITARY SCIENCE)

Engineer support: The key to successful mechanization. Maj Charles O. Skipper. illus tabs MarCor Gaz 66:62-67 Jan '82

Obscurants: Countermeasure to modern weapons. LtCol John P. Bulger. illus Mil Rev 62:45-53 May '82

OCCUPATION, MILITARY see Military Occupation

OCCUPATIONAL SAFETY AND HEALTH

The AFOSH (Air Force Occupational Safety and Health) 'bill of rights.' TIG Brief 34:20 Aug 27 '82

Host-tenant support for Air Reserve forces occupational health programs. TIG Brief 34:15 Jul 23 '82

Occupational Safety and Health Administration (OSHA) inspections. TIG Brief 34:3 Jan 8 '82

Slips, trips, and falls. TIG Brief 34:17 Mar 19 '82

OCCUPATIONS

Effects of role multiplicity on U.S. Army personnel. M.C. Devilbiss and Carolyn C. Perrucci. tabs J Pol & Mil Sociol 10:1-13 Spring '82

OCEAN

The Ocean Surveillance Information System (OSIS). VADM Samuel L. Gravely, Jr., Ret. illus Signal 37:30+ Oct '82

OCEAN MINING

The law of the sea. John Lehman. illus map Defense/82, pp 2-9, Mar '82

OCEANOGRAPHY

See also
National Oceanic and Atmospheric Administration

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Time and tide . . . RADM H.R. Lippold, Jr. por illus chart Mil Engr 74:28-31 Jan-Feb '82

ODOM, William E.

Staying ahead in MI (Military Intelligence) tactical revolution. MajGen William E. Odom. illus Army 32:174-176+ Oct '82

OFFICE OF FEDERAL PROCUREMENT POLICY

Administrator, Office of Federal Procurement Policy. Interview. Donald E. Sowle. illus Mil Elect/Countermeasures 8:10+ Mar '82

Defense communique. Regular feature in issues of National Defense beginning with January 1982

OFFICE OF MANAGEMENT AND BUDGET

OMB and the Pentagon: Adversaries or collaborators? Def Monitor 11, No. 2: entire issue '82

OMB proposes CFC (Combined Federal Campaign) overhaul. AF Times 42:26 Jan 11 '82

Why the White House means business on the A-76 business. Edwin Harper. Govt Exec 14:42-44 Jun '82

OFFICE OF PERSONNEL OPERATIONS--ARMY see Army Military Personnel Center

OFFICE OF SPECIAL INVESTIGATIONS

AFOSI Academy opens doors. illus AF Times 43:5 Oct 18 '82

AFOSI's counterintelligence program: Tailor made. Col Richard S. Beyea, Jr. TIG Brief 34:1-2 Nov 29 '82

The Air Force antiterrorism program: Planning and flexibility the key. TIG Brief 34:18 Apr 30 '82

Air Force Office of Special Investigations. illus AF Mag 65:134 May '82

(Air Force Office of Special Investigations)--after the bad guys. Capt Phil Lacombe. illus AF Mag 65:80-86 Apr '82

Child abuse or neglect: The commander's role, and AFOSI's. TIG Brief 34:4 Aug 27 '82

House (Armed Services Investigations Subcommittee) panel awaits results of MD investigation. AF Times 42:2 Jan 18 '82

Methodology

Hypnosis as a criminal investigative technique in the Department of Defense. Maj James A. Johnson, Jr. tabs AF Law Rev 22, No. 1:20-58 '80/'81

OFFICER EFFECTIVENESS REPORT see Effectiveness Reports

OFFICER TRAINING SCHOOL

OTS to take nontechnical applicants. AF Times 42:17 May 31 '82

OFFICERS

See also
Commanding Officers
Flag Officers

General Officers
Staff Officers

A day in the life of an ops officer. LT Frank M. Adelman. illus Translog 13:7-8 Jun '82

Air Force--Soviet Union

Soviet air forces commanders. Harriet Fast Scott. illus AF Mag 65:53-60 Mar '82

Air Force--U.S.

Combat readiness: Naval air vs Air Force. LT Steven W. Smith. illus US Nav Inst Proc 108: 41-45 Feb '82

Imbalance in officer ranks. AF Times 42:22 Feb 8 '82

The importance of interpersonal relationships in teaching officership. Capt Kevin W. O'Callaghan. Educ J 24:25-26 AY '82/'83

The junior officer of the 1980s: The situational professional. Capt James H. Siagle. tabs AU Rev 33:90-96 Nov-Dec '81

Officer career management. AF Compt 16:6-8 Apr '82

Officer opportunities in safety. TIG Brief 34:18 Mar 19 '82

Officer performance evaluation reg: Changes, alterations. John Ginovsky. AF Times 43:3 Nov 8 '82

Officer strength rise to spur promotions. John Ginovsky. AF Times 42:1+ Mar 8 '82

Officership in the Air Force. Capt John C. Sampson. illus Educ J 24:20-24 AY '82/'83

Palace Dollar team. Regular feature in issues of Air Force Comptroller

Promoting leadership in the Air Force's management environment. Maj Jeffrey C. Benton. AU Rev 33:84-92; Response. Richard I. Lester. 33:93-97 Mar-Apr '82

SR-71 mach 3+. Maj Frank W. Stampf. illus Navigator 29:4-8 Spring '82

Two O-3s begin White House fellowships. John Ginovsky. illus AF Times 43:14 Sep 13 '82

Directories

(Photocharts of structure of the Office of the Secretary of the Air Force, the USAF Air Staff, the Deputy Chiefs of Staff, the major commands, the separate operating agencies, and the direct reporting units as of Aug 15, 1982). AF Mag 65:111-117 Sep '82

Statistics

Imbalance in officer ranks. AF Times 42:22 Feb 8 '82

OFFICERS - ContinuedArmed Forces--Australia

We must train junior leaders for the brutal reality of war. Col J.O. Langtry. Pac Def Rep 9:41-42 Oct '82

Armed Forces--U.S.

See also
Defense Officer Personnel Management System

Getting along with civilian employees. CDR Kenneth W. Meeks. illus Mil Engr 74: 432-434 Nov-Dec '82

JCS proposes reform: Better deal in joint jobs. AF Times 43:1+ Dec 6 '82

Politics and promotions. John G. Kester. Parameters 12:2-13 Dec '82

Statistics

How Services compare in rate of advancement. tabs AF Times 42:4 May 10 '82

Army--France

Elite selection in the French Army officer corps. Francois Cailleteau. tabs Armed Forces & Soc 8:257-274 Winter '82

Army--Great Britain

Educating for the profession of arms: USMA West Point and RMA Sandhurst. Cathy Downes. RUSI J for Def Studies 126:33-39 Dec '81

Army--Soviet Union

Officers' Marxist-Leninist studies. Capt V. Drozdov. illus Soviet Mil Rev No.9:28-29 Sep '82

Soviet advanced armor officer training. Maj William L. Howard and Andrew W. Hull. illus Armor 91:23-25 Sep-Oct '82

The Soviet regimental commander. Maj Donald L. Mercer. illus Mil Rev 62:33-37 Aug '82

Soviet regular officers. LtGen A. Agafonov. illus Soviet Mil Rev No.9:13-15 Sep '82

Army--U.S.

Bars to stars. Regular feature in issues of Air Defense Magazine

Bridging the leadership and management gap. LtCols W. Larry Shelby and Robert H. McKenzie. illus Mil Rev 62:52-59 Jan '82

Educating for the profession of arms: USMA West Point and RMA Sandhurst. Cathy Downes. RUSI J for Def Studies 126:33-39 Dec '81

The field artillery liaison officer. Maj William S. Armstrong. illus Fld Arty J 50:39-41 Jul-Aug '82

OFFICERS - ContinuedArmy--U.S. - Cont'd

Making command selection work before and after command. Col David E.K.Cooper and LtCol Gilbert M.F.Brauch, Jr. Mil Rev 62: 67-71 Sep '82

OPMS-EPMS Armor. Regular feature in issues of Armor

Officers career notes. Regular feature in issues of Infantry

Precommand courses for logisticians. LtCol Paul H.Fournia. illus Army Log 14:9-11 Jan-Feb '82

Scope and nature of the ADA (Air Defense Artillery) Officer Basic Course. 1stLt Robert H.Sellman III. illus Air Def Mag, pp 32-34, Jan-Mar '82

(William O.) Darby. Martin Blumenson. illus por Army 32:37-39+ Jan '82

Marine Corps--U.S.

Leadership, tactical proficiency, and military management. MajGen R.C.Schulze, Ret. and Col J.C.Scharfen, Ret. illus MarCor Gaz 66:36-41 Dec '82

Officer career management. LtCol R.A.Beeler. illus MarCor Gaz 66:61-66 Sep '82

Officer competence. LtCol Gordon D.Batcheller. MarCor Gaz 66:21-22 Jan '82

Officer selection in the "Old Corps." Ralph W.Donnelly. illus MarCor Gaz 66:81-87 Nov '82

Policies that shape the Officer Corps. LtCol J.M.Dwyer. tabs MarCor Gaz 66:54-58 Mar '82

Those controversial boards. BrigGen R.H. Williams, Ret. MarCor Gaz 66:91-96 Nov '82

Up or out and the lateral move. Col Jerome W.Brown. illus tabs MarCor Gaz 66:52-57 Oct '82

Navy--Soviet Union

Commander's skill. VAdm V.Kudryavtsev. Soviet Mil Rev No.10:22-23 Oct '82

Moscow's most powerful fleet. Frederic N. Smith. Def & For Aff 10:30-31 Sep '82

Navy--U.S.

An Australian looks at the Naval Academy. Lt J.V.P.Goldrick. illus US Nav Inst Proc 108:44-49 Apr '82

Combat readiness: Naval air vs Air Force. LT Steven W.Smith. illus US Nav Inst Proc 108: 41-45 Feb '82

Reserve Forces--Air Force--U.S.

Four plus one for CIOR (Interallied Confederation of Reserve Officers) '82. Ann Wood. illus Air Reservist 34:18-19 Sep-Oct '82

OFFSHORE OIL WELL DRILLING see Oil Well Drilling

OIL see

Lubrication and Lubricants
Petroleum
Petroleum Industry and Trade

OIL WELL DRILLING

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

OILERS (SHIPS)

See also
Tankers

OLD AGE

National commission seeks basis for action--trustees cite need for new Social Security financing measures. Officer 58:37-38 Jul '82

O'MALLEY, Jerome F.

Project Warrior. LtGen Jerome F.O'Malley. TIG Brief 34:2 May 28 '82

OMAN

The cop at the gate to the (Persian) Gulf. Denis Warner. map illus Pac Def Rep 8: 28-29+ Apr '82

Strategic Importance

Omani navy: Operating in troubled waters. LtCol Thomas M.Johnson and LCDR Raymond T. Barrett. illus map US Nav Inst Proc 108: 99-103 Mar '82

OMEGA

Electronic navigation aids. Chris Heath. Pac Def Rep 8:55-56+ Jun '82

ON-THE-JOB TRAINING

The life cycle of knowledge. TIG Brief 34:15 Nov 29 '82

Nuclear surety officer proficiency. TIG Brief 34:4 Jul 9 '82

OPERATION

See also
Exercise

Deep Freeze

'Deep Freeze.' Nanse Grady. illus Soldiers 37:20-21 Feb '82

On the ice--resupplying Antarctica. illus MAC Flyer 29:7-9 Sep '82

Desert Thunder

Thunder in the desert. Maj Charles R.Steiner, Jr. illus Armor 91:12-18 May-Jun '82

OPERATION - ContinuedLinebacker

The bombers go to bullseye. LtCol George B. Allison. illus maps tab Aerosp Hist 29: 227-238 Dec '82

Linebacker II: Ten years in retrospect. LtGen George D. Miller. illus por Combat Crew 32:2-7 Sep '82

Rolling Thunder

Rolling Thunder and the law of war. W. Hays Parks. illus AU Rev 33:4-23 Jan-Feb '82

OPERATIONAL READINESS

See also
Combat Readiness

"The ability to fight & win." Maj Dean Bartel. illus AF Engrg & Svcs Qtr 22:44-46 Winter '81/'82

Airlift's role in deployed force readiness. LtCol Dale M. Rucker. illus map Airlift Ops Rev 4:17-21 Jan-Mar '82

Army 86. SSgt Vickey Mouze. illus Soldiers 37:16-18 Feb '82

Attacking logistics problems through acquisition reform. Richard D. Webster. illus tab Def Mgt J 18:2-8 Fourth Quarter '82

Aviation operational readiness float--a readiness enhancer. Maj Berchard Ray Shipley. illus Army Log 14:17-19 Jul-Aug '82

Cohesion is watchword in trailblazing B Co. Capt Lawrence M. Gehlaussen and LtCol Frederick W. Timmerman, Jr. illus Army 32:54-56+ May '82

The continuing resolution. Col Philip H. Stevens, Ret. illus Natl Def 67:52-54+ Sep '82

Facilities readiness. Interview. MajGen (William D.) Gilbert. illus por AF Engrg & Svcs Qtr 22:4-7 Winter '81/'82

Five keys to an effective land force. John O. Marsh, Jr. illus Army 32:10-14 Oct '82

Improving helicopter effectiveness. Maj Thomas D. Walters. illus MarCor Gaz 66:67-71 May '82

Logistics support and readiness: The eclectic approach. T.G. Higgins. illus Mil Sci & Tech 2, No.1:42-47+ '82

Marine Corps--in crisis or conflict, ready to respond. Gen Robert H. Barrow. illus Defense/82, pp 18-23, Apr '82

Minimizing the impact of support taskings. LtGen Howard W. Leaf. TIG Brief 34:2 Jul 9 '82

ORI (Operational Readiness Inspection) preparation checklist for commanders. TIG Brief 34:3-4 Apr 16 '82

Operators & engineers: Readiness partners. LtGen Philip C. Gast. illus por map AF Engrg & Svcs Qtr 22:8-12 Winter '81/'82

OPERATIONAL READINESS - Continued

The program for a stronger Navy: On course ... full speed ahead! John Lehman. illus Defense/82, pp 18-24, Oct '82

Readiness--coequal. Col G. Dana Brabson and John P. Solomond. tabs Concepts 5:161-189 Summer '82

Simulating the modern electronic battlefield. Terry E. Bibbens. Def Mgt J 18:16-21 Third Quarter '82

The Soviet operational manoeuvre group--a new challenge for NATO. C.N. Donnelly. illus Intl Def Rev 15, No.9:1177-1186 '82

A turnaround: ORI teaches inspectors. illus Natl Guard 36:13-15 Sep '82

OPERATIONAL REQUIREMENTS

The operational art of the airland battle. LtCol John S. Doerfel. illus Mil Rev 62:3-10 May '82

Readiness as a state of mind. Gen Bryce Poe II, Ret. illus AF Engrg & Svcs Qtr 23:4-6 Spring '82

Taken for granted (the general scope and relative success of the logistics job). MajGen Theodore D. Broadwater. tab AF J Log 6:2-4 Spring '82

A talk with the (U.S. Army) chief (of staff). Interview. Gen Edward C. Meyer. por illus Army 32:16-20+ May '82

OPERATIONAL RESEARCH

See also
Systems Analysis

OPERATIONS, MILITARY

Battalion operations from encircled positions. Maj Michael R. Tarantola. illus Mil Rev 62:35-40 Feb '82

A day in the life of an ops officer. LT Frank M. Adelman. illus Translog 13:7-8 Jun '82

FM 100-5: Comparing the operational concept and the defense. Maj James M. Dubik. Mil Rev 62:13-19 Dec '82

The Falkland Islands campaign. Edgar O'Balance. map illus Natl Def 67:34-39 Sep '82

How MTMC prepares for an exercise. Translog 13:3-4 Jun '82

Key questions for a successful generation exercise. TIG Brief 34:9-10 Oct 11 '82

Military exercises and MTMC. illus Translog 13:1-2 Jun '82

OPTICS

See also
Lasers

Fiber-optic technology takes to the air. Theodore J. Urbanik. illus Mil Elect/Countermeasures 8:32+ Oct '82

OPTICS - Continued

Ground-based tactical fiber optic communications systems programs. Paul Sierak and Bernard DeMarinis. illus tab Mil Elect/Countermeasures 8:25-26+ May '82

New NATO-approved night observation instrument. illus Asian Def J No.5:90 May '82

Space-based laser battle stations. Kurt Arbenz. illus Armada Intl 6:68+ Jul-Aug '82

ORDNANCE

Air munitions: The missing link? Norman R. Augustine. illus tabs Mil Elect/Countermeasures 8:33+ Apr '82

Automated inspection--a means to increased reliability. Anthony P. Trippe. illus Natl Def 66:18-22 Apr '82

(Comdr John M.) Brooke of Confederate naval ordnance. M.L. Brown. illus tab Natl Def 66:34-38 May-Jun '82

Training versus dummy versions of live munitions. TIG Brief 34:8 Jul 9 '82

Exhibitions

Ordnance, not EW, held the limelight at Defendory '82. Laina Farhat. illus Mil Elect/Countermeasures 8:48-49 Dec '82

History

Beginnings of the U.S. Ordnance Department: 1775-1832. M.L. Brown. illus Natl Def 67:46-49+ Oct '82

Safety Measures

A numbered Air Force approach to explosives site plan management. TIG Brief 34:19 Jun 11 '82

ORGANIZATION

See also subdivision under specific subjects, e.g.,
Defense Dept--U.S.--Organization

The application of organization development techniques. LCDR Eric Sorensen. illus Armed Forces Compt 27:28-31 Winter '82

ORGANIZATION OF PETROLEUM EXPORTING COUNTRIES

Petroleum production and prices. Regular feature in issues of Defense & Foreign Affairs

ORR, Verne

Facing two critical challenges. Verne Orr. illus por AF Mag 65:74+ May '82

Heritage, headaches, and hopes. Verne Orr. Address, AFA's Annual Convention, Sep 1982. illus por AF Mag 65:75-79 Nov '82

Orr hopes for separate space command by '85. Leonard Famiglietti. AF Times 42:6 Feb 8 '82

ORR, Verne - Continued

Problems and solutions. Ron Sherman. Interview. illus por Mil Tech 6:87-89 Aug '82

Thoughts at thirty-five: The Air Force's future is now. Verne Orr. illus por AF Mag 65:90+ Sep '82

OTIS, Glenn K.

Armor conference--1982. MajGen Louis C. Wagner, Jr. Armor 91:31-38 Jul-Aug '82

TRADOC in forefront--guide during period of major transition. Gen Glenn K. Otis. illus Army 32:42-44+ Oct '82

OTT, David E.

Making a painful choice--artillery fire: Fast or massed? LtGen David E. Ott, Ret. illus Fld Arty J 50:37-40 Jan-Feb '82

OUTPUT MEASUREMENT

Cockpit automation and workload reduction--too much of a good thing? Chris Bulloch. tabs Interavia No.3:263-264 Mar '82

OVERALL EFFICIENCY INDEX see Effectiveness Reports--ArmyOVERSEAS DUTY

CMC policy for accompanied tours. MarCor Gaz 66:6 Aug '82

DOD: Reprogram \$\$ for benefits. Tom Philpott. AF Times 42:1+ Jun 28 '82

DOD seeks boost for FY '84 COLA--for some, \$60 more. Tom Philpott. AF Times 43:1+ Dec 6 '82

E-9 'pick' cycle extended o'seas. AF Times 42:14 Apr 19 '82

Forces abroad--rights, laws, protections. Walter A. Baker. illus Defense/82, pp 20-25, Jul '82

Kin o'seas workers offered break on jobs. AF Times 42:12 May 31 '82

Many singles o'seas tours reduced. Don Mace. AF Times 43:3 Oct 4 '82

New rent-plus now under way o'seas. Tom Philpott. AF Times 42:1+ May 10 '82

O'seas COLA hike of 20% endorsed. Tom Philpott. AF Times 42:1+ Jun 14 '82

O'seas foreign duty pay areas identified. AF Times 42:12 Jun 28 '82

Overseas TDY per diem rule changed. AF Times 42:11 May 10 '82

O'seas tour lengths reduced for singles. AF Times 42:3 Mar 8 '82

OVERSEAS DUTY - ContinuedOXYGEN

Paid travel possible for 'isolated' o'seas.
Tom Philpott. AF Times 42:1+ May 3 '82

Shipping your POV. Sgt1C Norman Oliver. illus
Soldiers 37:27-31 Jun '82

Stronger dollar causes drop in COLA overseas.
Tom Philpott. tab AF Times 43:28 Nov 15 '82

Check your oxygen. K.E. Underwood Ground.
illus Aviation, Space & Envmt Med 53:24-26
Jan '82

Effects of long-term exposure to low levels
of ozone: A review. C.E. Melton. Aviation,
Space & Envmt Med 53:105-111 Feb '82

P A C A F see Pacific Air Forces

P C S see Permanent Change of Station

P L O see Palestine Liberation Organization

P P B S see Planning-Programming-Budgeting System

PACIFIC AIR FORCES

See also
Air Force, 5th
Air Force, 13th

PacAF stress: Similar to ConUS, USAFE. Don Mace. AF Times 42:1+ May 31 '82

Pacific Air Forces. tab illus chart por AF Mag 65:100+ May '82

PACIFIC COMMAND

Even greater uncertainty and danger ahead. ADM Robert L.J.Long. Pac Def Rep 8:49-50+ May '82

PACIFIC REGION

The balance of forces in the East Asian-Pacific region. Wilhelm G.Grewe. illus NATO's Fifteen Nations 27:18-22+ Jun-Jul '82

Pacific danger signals. P.Lewis Young. Pac Def Rep 8:18-19+ May '82

(Soviet Navy) their Pacific Fleet. LCDR Gerry S.Thomas. illus US Nav Inst Proc 108:82-87 Oct '82

Strategic Importance

The importance of ANZUS. Henry S.Albinski. (Adapted from an American Policy for Asia: The 1980s and Beyond, edited by R.H. Myers, 1982) illus Pac Def Rep 8:33+ Dec '81/Jan '82

MTMC acquires sixth ocean terminal. Juan R. Melendez, Jr. Translog 13:1 Mar '82

The South China Sea: Competing claims and strategic conflicts. Justus M. van der Kroef. map Intl Sec Rev 7:305-329 Fall '82

PACIFISM

The "peace movement" and NATO: An alternative view from Bonn. Manfred Werner. illus Strat Rev 10:15-21 Winter '82

PACKAGING see Containers

PACKING FOR SHIPMENT

Mishap evidence for analysis. TIG Brief 34:18. Aug 6 '82

Where are the slide packs going? TIG Brief 34:8 Mar 5 '82

P

PACTS see Treaties and Alliances

PAKISTAN

Pakistan airlift 64. Maj Timothy A.Fuhrman. illus map Airlift Ops Rev 4:25-27 Jan-Mar '82

Pakistan: New arms purchases. illus Asian Def J No.7:29 Jul '82

Foreign Relations

India

Pakistan's security concerns in the 1980's. Norman D.Palmer. Intl Sec Rev 7:155-182 Summer '82

Middle East

Pakistan's security concerns in the 1980's. Norman D.Palmer. Intl Sec Rev 7:155-182 Summer '82

Soviet Union

Pakistan's security concerns in the 1980's. Norman D.Palmer. Intl Sec Rev 7:155-182 Summer '82

United States

A new round of American installations in Pakistan. Zulfikar A.Khalid. map Asian Def J No.5:29+ May '82

Pakistan and the Middle East connection. Maj David O.Smith. map illus Mil Rev 62: 42-49 Oct '82

Pakistan's security concerns in the 1980's. Norman D.Palmer. Intl Sec Rev 7:155-182 Summer '82

PALESTINE

Israel lashes out. R.D.M.Furlong. illus Intl Def Rev 15, No.8:1001-1007 '82

Return to the Middle East--no 1: Some punji sticks in the Sinai sands. John Christie. illus map Pac Def Rep 8:22-23 Apr '82

PALESTINE LIBERATION ORGANIZATION

Middle East map dangerously redrawn. John Christie. Pac Def Rep 9:53-54 Aug '82

PALMER, John M.

John McAuley Palmer and the Reserve components. Jonathan M.House. Parameters 12: 11-18 Sep '82

PALMERTON, Leighton R.

The changed picture: NAEW (NATO Airborne Early Warning). MajGen L.R.Palmerton. illus por NATO's Fifteen Nations Special Issue No.1:46+ '82

PANAMA

Battle line the sky. Maj Mark A. Ison. illus
USA Avn Dig 28:6-8 Sep '82

Dustoff Panama. Maj Bruce G. Furbish. illus
USA Avn Dig 28:38-39 Nov '82

PANIC

An alternative to panic. Lt Garry M. Schull.
Combat Crew 32:8-9 Aug '82

PAPUA NEW GUINEAForeign Policy

Performance and prospects in the near north
(Papua New Guinea and Indonesia). Col
C.H.A. East. illus Pac Def Rep 8:61-62+
Dec '81/Jan '82

Politics and Government

PNG elections: Problems, personalities and
prospects. Col C.H.A. East. Pac Def Rep 8:
69-70+ Apr '82

Strategic Importance

Performance and prospects in the near north
(Papua New Guinea and Indonesia). Col
C.H.A. East. illus Pac Def Rep 8:61-62+
Dec '81/Jan '82

PARACEL ISLANDS

The South China Sea: Competing claims and
strategic conflicts. Justus M. van der
Kroef. map Intl Sec Rev 7:305-329 Fall '82

PARACHUTE JUMPINGStudy and Teaching

Jump school in the Montana mountains. Maj
Reece Stein and SP5 David Kintner. illus
Natl Guard 36:22-24 Jul '82

PARARESCUE

Pararescuers put lives on line--Reservists
have role in life-saving mission. TSgt Bob
Miskowicz. illus Officer 58:12-13 Dec '82

PARKER, Gerald W.

Quality assurance and risk management.
BrigGen Gerald W. Parker. TIG Brief 34:2
Apr 30 '82

PARTICLE-BEAM WEAPONS see Beam WeaponsPATENTS

Software: A product in pursuit of legal pro-
tection. Harrison E. McCandlish and Gary M.
Hoffmann. Signal 36:44-48 Jul '82

What to do with government patent clauses
until the lawyer arrives. Jack Saddler.
Mil Elect/Countermeasures 8:48-51 Oct '82

PATRIOTISM

The case against a peacetime draft. Mike
Kelly. Strat Rev 10:64-75 Fall '82

Patriotism and the U.S. all-volunteer mili-
tary. Morris Janowitz. AU Rev 33:31-39
Jan-Feb '82

Yankee Doodle boy (John R. McKone--prisoner
of war in the Soviet Union, 1960-61). Capt
Katie Cutler. illus Airman 26:8-13 Jul '82

PATROL BOATS

Aircraft versus FACs (Fast Attack Craft).
Ezio Bonsignore. illus tab Mil Tech 6:
13-14+ Nov '82

The Deggendorfer PAC-type fast patrol boat.
Harald Fock. illus Mil Tech 6:66+ Oct '82

Fast attack craft. Milan Vego. illus tabs
NATO's Fifteen Nations 27:63-64+ Oct-Nov
'82

PHMs (guided missile patrol combatant hydro-
foils) speed through sea trials with flying
colors. James D. Hessman and Mary Ann Ed-
wards. illus Sea Power 25:51-52 Nov '82

The Swiss Navy. W.E. Schlatter. illus Intl
Def Rev 14, No. 12:1701-1702 '81

Western military hydrofoils come of age. Alan
Blunden. illus tab Intl Def Rev 15, No. 2:
155-160 '82

Statistics

The Stockholm-class SPICA III. illus Asian
Def J No. 9:66 Sep '82

PATROLSSee also

Airplanes in Patrol Work
Helicopters in Patrol Work

PATTON, George S.

Patton and the press. Martin Blumenson. por
illus Army 32:66-72 May '82

PATTON, Marvin C.

Directorate of Budget. Regular feature in
issues of Air Force Comptroller

PAY, ALLOWANCE, ETC

See also pay and/or allowances by name,
e.g.,

Bonuses
Dislocation Allowances
Dual Compensation
Foreign Duty Pay
Incentive Pay
Quarters Allowances
Remote-Isolated Duty Pay
Retirement Pay
Special Duty Pay
Subsistence Allowances
Travel Pay

PAY, ALLOWANCES, ETC - ContinuedAir Force--U.S.

AF ordered to return \$18,000 garnishment.
AF Times 42:1+ Feb 22 '82

Behind your entitlements. Capt Katie Cutler.
illus Airman 26:7-11 Jan '82

DD/EFTP (Direct Deposit/Electronic Fund
Transfer Program) allotment payments
authorized. TIG Brief 34:12 Feb 19 '82

Heading off a hemorrhage of talent (Policy
paper, adopted at AFA's Annual National
Convention, Sep 14, 1982). illus AF Mag
65:53-58 Nov '82

McCoy defends 8 percent raise. John Ginovsky.
illus AF Times 42:3 Mar 15 '82

Mandatory sure pay plan eyed for newcomers.
Leonard Famiglietti. AF Times 42:2
Mar 22 '82

Minding your money. SSgt Craig Pugh. illus
Airman 26:22-27 Jul '82

Nichols to military: We won't turn our backs
on you. Interview. Rep Bill Nichols. illus
por AF Mag 65:62-65 May '82

Plan would shift part of raises to bonuses.
Tom Philpott. AF Times 42:1+ Mar 15 '82

Armed Forces--Australia

Services get big pay increases. Pac Def Rep
8:46+ Feb '82

Armed Forces--U.S.

Benefits gain in '81; '82 picture is cloudy.
Martha L. Craver. AF Times 42:4 Jan 4 '82

CBO: 4% cap won't hurt short-term recruiting.
Martha Lynn Craver. AF Times 42:3 Jun 14
'82

Civilian/military pay gap shows near-term
decrease; long-term rise. W. Eric Casey. tab
Armed Forces J Intl 119:50 Mar '82

'Competitive' pay DOD's concern for FY '83.
AF Times 42:3 Mar 15 '82

DOD: 4 percent raise but no catch-up. Martha
Lynn Craver. AF Times 43:1+ Aug 16 '82

DOD ponders targeted hike. Martha Lynn Cra-
ver. AF Times 42:3 Jun 28 '82

DOD won't ask per diem change this year. AF
Times 42:1+ Apr 12 '82

Enlisted PCS money cut \$4.50 per day. AF
Times 42:1+ Jan 18 '82

(Fifth Quadrennial Review of Military) Com-
pensation study set for January 1983. Tom
Philpott. AF Times 42:3 Jun 7 '82

'Flat tax' may stir call for salaries. AF
Times 43:21 Sep 27 '82

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

4 percent pay boost likely in October. Tom
Philpott and Martha Lynn Craver. AF Times
42:1+ May 24 '82

4 percent still appears likely as pay hike.
Martha Lynn Craver. AF Times 42:1+ Jun 7
'82

GAO supports direct pay link for military.
AF Times 42:6 Mar 1 '82

(Gen John W.) Vessey: Would sacrifice carrier
for pay raise. Don Hirst. AF Times 42:4
May 24 '82

Hill 'nibbled away' at people programs. AF
Times 42:11 Jan 11 '82

Hill tables benefits--pay, funds bill de-
layed until the new year. AF Times 43:1+
Dec 27 '82

House (Armed Services Committee and House
Budget Committee) Panels reject retiree
pay cap. AF Times 42:3 May 24 '82

(House Armed Services Committee) Panel would
trade strength for raise. Martha Lynn Cra-
ver. AF Times 42:1+ Apr 12 '82

(A House Armed Services) Panel likely to OK
8% hike; others seek freeze. Martha Lynn
Craver. AF Times 42:1+ May 3 '82

House: 4% raise, full retiree COL. Martha
Lynn Craver. AF Times 42:1+ Jun 21 '82

JCS, EM advisors push for per diem equity.
AF Times 42:2 Mar 15 '82

JTR (Joint Travel Regulations) changes
include paid return trip. Tom Philpott.
AF Times 43:11 Oct 18 '82

Joint study recommends linking pay hikes to
ECI (Employment Cost Index). AF Times 42:7
Jun 14 '82

(Lawrence J.) Korb: Cap likely, but 'compara-
bility' ahead. por AF Times 42:7 May 24 '82

(Military Manpower) Task Force favors new
raise formula. Tom Philpott. AF Times 43:1+
Aug 2 '82

(Military Manpower) Task Force rejects cap,
backs average. Tom Philpott. AF Times 42:1+
Apr 26 '82

(Military Manpower) Task Force: Switch pay
hike formula. Tom Philpott. illus AF Times
43:1+ Nov 1 '82

New rent-plus now under way o'seas. Tom Phil-
pott. AF Times 42:1+ May 10 '82

New review will eye retired, special pays.
Tom Philpott. AF Times 43:1+ Sep 6 '82

'83 budget: Military 8%, civilian raise cap
at 5%. Tom Philpott. AF Times 42:1+
Feb 1 '82

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

OMB: Raise basic pay \$30 per month. Tom Philpott. AF Times 43:1+ Jul 26 '82

Oct 1: 4% for most; E-1s still in doubt. Martha Lynn Craver. AF Times 43:1+ Sep 27 '82

O'seas COLA hike of 20% endorsed. Tom Philpott. AF Times 42:1+ Jun 14 '82

Panel looks at ways of keeping SS solvent. AF Times 43:30 Nov 22 '82

Panels support military-civilian comparability. Martha Lynn Craver. AF Times 42:1+ Apr 26 '82

Pay & allowances. illus Soldiers 37:6-9 Jan '82

Pay raise: Backing off 8 percent figure. Martha Lynn Craver. AF Times 42:1+ May 10 '82

Pay raise safe for all; bonuses in danger. Martha Lynn Craver. AF Times 43:10 Oct 4 '82

Per diem equity coming? AF Times 42:1+ Feb 1 '82

(President's Private Sector) Survey Group: Put Actives on salary. Tom Philpott. AF Times 43:1+ Nov 8 '82

Raise deal: Only for scarce skills. Martha Lynn Craver. AF Times 42:1+ May 17 '82

Raise shift to bonus turns off task force. Paul Smith. AF Times 42:1+ Mar 29 '82

Retirement pay cap: 30% lifetime loss. Tom Philpott. illus AF Times 42:1+ Apr 5 '82

SecDef sees mass departures with pay freeze. Martha Lynn Craver. AF Times 42:3 Mar 15 '82

(Sen John G.) Tower--pay freeze 'like Russian roulette.' Martha Lynn Craver. por AF Times 42:1+ Mar 29 '82

Services want new index for pay raises. Tom Philpott. AF Times 42:1+ Apr 19 '82

Services' 'wish list' asks travel benefits. Tom Philpott. AF Times 43:1+ Nov 15 '82

Should the military pay and allowance system be changed to a salary system? Maj Joseph J. Tencza, Jr. Jt Persp 3:68-77 Winter '82

Three senators suggest active duty pay freeze. Martha Lynn Craver. AF Times 42:1+ Mar 1 '82

Travel funds get House panel okay--bonuses cut back. Martha Lynn Craver. AF Times 43:1+ Nov 29 '82

\$2.4B Senate cuts affect bonus \$\$ Paul Smith. AF Times 42:1+ May 31 '82

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

Weinberger backs '83 catch-up raise. Tom Philpott. AF Times 42:1+ Jul 12 '82

Reserve Forces--Armed Forces--U.S.

New System affects Reserve forces. Col Gene P. Abel. illus Officer 58:16-17 Nov '82

Reserve Forces--Army--U.S.

Active to Reserve. SP5 Terri Wiram. illus tabs Soldiers 37:49-53 Feb '82

United States

CG (Comptroller General) hits court on garnishment. Tom Philpott. AF Times 42:3 Mar 1 '82

PEACE

CORDS (Civil Operations, Revolutionary Development Support): Matrix for peace in Vietnam. James K. McCollum. illus Army 32:48-53 Jul '82

Science, Islam and peace. M.A. Kazi. Islamic Def Rev 7, No.3:2-6 '82

United Nations peace-keeping in the Middle East: Lessons and prospects. LtGen Ensio Siilasvuo. illus RUSI J for Def Studies 126:3-6 Dec '81

PEARL HARBOR, 1941

Planning the Pearl Harbor attack: A study in military politics. Michael A. Barnhart. illus Aerosp Hist 29:246-252 Dec '82

PEATROSS, Oscar F.

The bachelor and the computer. MajGen O.F. Peatross, Ret. illus MarCor Gaz 66:16-18 Dec '82

PEEK, Kenneth L., Jr

Air Force Manpower and Personnel Center. illus por AF Mag 65:129-130 May '82

How the Air Force capitalized on a faltering airline industry. MajGen Kenneth L. Peek, Jr. tab Def Mgt J 18:2-7 Second Quarter '82

PEIXOTTO, Ernest D.

Managing funds for modernization. LtGen Ernest D. Peixotto. tab illus Army 32:120-123+ Oct '82

PERFORMANCE REPORTS see
Airman Performance Reports
Effectiveness Reports

PERIODICALS

See also
Newspapers

PERIODICALS - ContinuedSoviet Union

(Soviet Navy) their professional journal.
CAPT Roger W. Barnett and Edward J. Lacey.
illus US Nav Inst Proc 108:95-101 Oct '82

United States

DOD kills 205 periodicals; still publishes
1,203 others. tab Armed Forces J Intl
119:16 Aug '82

Happy Birthday to us: 35 years of National
Guard. Col Allan G. Crist, Ret. tab illus
Natl Guard 36:9-12 Jul '82

Services-related periodicals. TIG Brief 34:8
Jun 11 '82

History

Airman at 25 (history of Airman magazine).
Robert K. Ruhl. illus Airman 26:32-38 Aug
'82

PERMANENT CHANGE OF STATION

(AF Family Matters) office addresses PCS,
other needs. Don Mace. AF Times 42:1+
Feb 8 '82

Duty (special taxes) can cost you. SSgt
Victoria Mouze. illus Soldiers 37:10-12
May '82

Enlisted PCS money cut \$4.50 per day. AF
Times 42:1+ Jan 18 '82

JCS, EM advisors push for per diem equity.
AF Times 42:2 Mar 15 '82

Poor performers need 2d check. Don Mace.
AF Times 42:4 Apr 5 '82

(Sen William) Armstrong: Restore \$4.50 PCS
cut. AF Times 42:3 Feb 8 '82

Swaps: Dreams turn real. SFC Norman K. Oliver.
Soldiers 37:50-52 Aug '82

PERSHING, John L.

'Black Jack's girls.' Karen L. Hillerich.
illus Army 32:44-48 Dec '82

Pershing's logistical nightmare. F. Maitland
Cuthbertson. illus map Armor 91:31-34
Sep-Oct '82

PERSIAN GULF REGION

AWACS and other Mideast arms. Jim Bussert.
illus tabs map Mil Elect/Countermeasures
8:34+ Jan '82

The cop at the gate to the (Persian) Gulf.
Denis Warner. map illus Pac Def Rep 8:
28-29+ Apr '82

A European option in the Indian Ocean. Chris-
topher Coker and Heinz Schulte. illus Intl
Def Rev 15, No.1:27-34 '82

PERSIAN GULF REGION - Continued

Gulf security: The states look after them-
selves. Michael C. Dunn. illus Def & For
Aff 10:6-9+ Jun '82

Lessons of the Iran-Iraq War: The first
round. Anthony H. Cordesman. tab map Armed
Forces J Intl pt 1, 119:32+ Apr '82; pt 2,
Tactics, technology, and training. 119:68+
Jun '82

The naval race in the Persian Gulf. Raphael
Danziger. illus map US Nav Inst Proc 108:
92-98 Mar '82

Straits of Hormuz--the fulcrum of Persian
Gulf oil security. Zulfikar A. Khalid. illus
map Asian Def J No.2:36-38 Feb '82

The U.S. stake in the Persian Gulf. Alvin J.
Cottrell. illus Natl Def 67:22-26 Nov '82

Strategic Importance

Indian Ocean security: A new zone of crisis?
Asian Def J No.4:38-39 '82

Military policy and strategy in the (Persian)
Gulf War. William O. Staudenmaier. map
Parameters 12:25-35 Jun '82

The Persian Gulf and the correlation of
forces. W. Scott Thompson. Intl Sec 7:
157-180 Summer '82

A sea of discord. RADM Robert J. Hanks, Ret.
map illus Sea Power 25:9-11+ Dec '82

PERSONAL AFFAIRS

See also
Loans, Personal

AF ordered to return \$18,000 garnishment.
AF Times 42:1+ Feb 22 '82

CG (Comptroller General) hits court on gar-
nishment. Tom Philpott. AF Times 42:3
Mar 1 '82

CMA cites duress, overturns forgery case.
AF Times 42:4 Jun 28 '82

PERSONAL EQUIPMENT

See also items by name, e.g.,
Clothing, Protective
Helmets
Survival Equipment

Fitting spectacles for the aviator. TIG Brief
34:5 Apr 16 '82

The Marines: Taking the heat. Paul O. Davis
and CDR Robert J. Biersner. illus US Nav
Inst Proc 108:110-112 Sep '82

The strength-endurance relationship in skele-
tal muscle: Its application to helmet de-
sign. Jerrold Scott Petrofsky and Chandler
A. Phillips. illus tabs Aviation, Space &
Envmt Med 53:365-369 Apr '82

PERSONAL PROPERTY see Household Effects

PERSONNEL

For strength of the Services see subdivision Statistics under the respective Services, e.g., Air Force--United States--Statistics.

See also
Manpower, Military
Retention of Military Personnel

Air Force--U.S.

Comparative staffing and advancement patterns--the Air Force and the private sector. Robert Roehrkaase. tabs Armed Forces & Soc 8:601-613 Summer '82

GAO to Services: Use resources better. AF Times 42:8 May 10 '82

Poor performers need 2d check. Don Mace. AF Times 42:4 Apr 5 '82

Suicide in the Air Force. TIG Brief 34:21 Sep 27 '82

Armed Forces--Canada

The 'people problem' in Canada's defences. J.H.Beaglehole. Pac Def Rep 9:80-81 Sep '82

Armed Forces--U.S.

Patron demographics 1982. Thayer C.Taylor. tabs Interservice 2:15-17+ Summer '82

Personnel cuts laid to DOD. Martha Lynn Craver. AF Times 43:1 Nov 8 '82

Personnel: Greatest problem facing the military. Rep G.V.Montgomery. Def Sci 2000+ 1:64-67 May-Jun '82

(Rand Corporation) survey profiles typical member. Tom Philpott. AF Times 42:1+ Apr 12 '82

What's the value of a (U.S. Service) member? illus tab AF Times 42:7 Apr 19 '82

Salaries and Wages

What's the value of a (U.S. Service) member? illus tab AF Times 42:7 Apr 19 '82

Army--U.S.

Air defense artillery transition plan. LtCol Rick Pokras. illus Air Def Mag, pp 35-36, Jul-Sep '82

Army study--combat ability: Linked with IQ. Tom Philpott. AF Times 42:7 Jun 28 '82

Can-do NCOs--with clout--can help cohesion problem. LtCol W.Darryl Henderson. illus Army 32:18-22 Mar '82

Developing and introducing the new manning system. Maj L.Erick Ohlsson. illus Fld Arty J 50:24-27 Nov-Dec '82

PERSONNEL - ContinuedArmy--U.S. - Cont'd

Effects of role multiplicity on U.S. Army personnel. M.C.Devilbiss and Carolyn C. Perrucci. tabs J Pol & Mil Sociol 10:1-13 Spring '82

Is unit replacement really the way to go? MajGen David W.Gray, Ret. illus Army 32:55-57 Jun '82

Making command selection work before and after command. Col David E.K.Cooper and LtCol Gilbert M.F.Brauch, Jr. Mil Rev 62: 67-71 Sep '82

New Army's power is its people. LtGen Maxwell R.Thurman. illus Army 32:94-96+ Oct '82

Personality and value changes in West Point cadets. Robert Priest and others. tabs Armed Forces & Soc 8:629-642 Summer '82

Promotion board critiques ADA (Air Defense Artillery) career fields. Air Def Mag, pp 37-39, Jul-Sep '82

Unit comes first in new manning system. Col B.I.Legge and LtCol Michael A.Andrews. illus Army 32:198-201+ Oct '82

The U.S. Army today: People and equipment--not enough of either. Phil Stevens. illus tab Sea Power 25:107-108+ Apr '82

Marine Corps--U.S.

Lambs to the slaughter. Capt C.A.Leader. illus MarCor Gaz 66:38-43 Jan '82

National Guard--Air Force--U.S.

Deputy Assistant Secretary of the Air Force for Reserve Affairs speaks out. Interview. George P.A.Forschler. illus Natl Guard 36: 24-27 Apr '82

Navy--U.S.

An interview with Admiral (James D.) Watkins. James D.Hessman and Vincent C.Thomas, Jr. Interview. illus por Sea Power 25:22+ Oct '82

The relationship between senior Navy civilian and military executives. Laurie A.Broedling and others. tabs Nav War Col Rev 34:78-89 Nov-Dec '81

Secretary of Defense. Interview. Caspar W. Weinberger. illus por Sea Power 25:79-80+ Apr '82

The victim's view of ASW. CDR John L.Byron. illus US Nav Inst Proc 108:38-43 Apr '82

PERSONNEL ADMINISTRATION

Air defense artillery transition plan. LtCol Rick Pokras. illus Air Def Mag, pp 35-36, Jul-Sep '82

PERSONNEL ADMINISTRATION - Continued

CMF (Career Management Field) 67 update.
Capt Charles N.Avery. illus USA Avn Dig
28:22-23 Oct '82

Commander-employee communications. TIG Brief
34:15 Dec 20 '82

Computer Resource Managers. Regular feature
in issues of Air Force Comptroller

Controlling drug use: Guidelines for the
commander. LtCol Larry H.Ingraham. illus
Mil Rev 62:41-46 Feb '82

Getting along with civilian employees.
CDR Kenneth W.Meeks. illus Mil Engr 74:
432-434 Nov-Dec '82

How management consultation is improving Air
Force productivity. Sandra S.Rittenhouse
and LtCol David A.Wilkerson. illus Def Mgt
J 18:9-13 Fourth Quarter '82

Lambs to the slaughter. Capt C.A.Leader.
illus MarCor Gaz 66:38-43 Jan '82

Managing human resources in the '80s. David
D.Acker. tabs Concepts 5:98-112 Winter '82

Manpower models as tools of military planning.
Murray W.Rowe. illus Def Mgt J 18:20-25
Fourth Quarter '82

Our management heritage for the '80s. Richard
F.Gordon. Concepts 5:7-13 Spring '82

Quality, productivity are the real targets.
Geary Rummier and Alan Brache. illus Govt
Exec 14:24-26 Jan '82

PERSONNEL CLASSIFICATIONAir Force--U.S.

Civilian position classification inaccuracies
cost. TIG Brief 34:16 Nov 29 '82

E-9s move into AFO (Accounting and Finance
Operations) slots once reserved for offi-
cers. AF Times 42:26 May 31 '82

Less than full multiple SRBs to be paid
April 1. Don Mace. AF Times 42:1+ Mar 15
'82

OTS to take nontechnical applicants. AF
Times 42:17 May 31 '82

Officer assignment opportunities. Regular
feature in issues of Air Force Times

Position classification authority. TIG Brief
34:14 Feb 19 '82

SEI (Special Experience Identifiers) manage-
ment. TIG Brief 34:11 Mar 5 '82

Special Experience Identifiers (SEIs) for
airspace managers. TIG Brief 34:15
Apr 30 '82

10 skills lose SRE Jan 24; lower rates for
12. AF Times 42:1+ Jan 11 '82

PERSONNEL CLASSIFICATION - ContinuedArmed Forces--U.S.

Plan would shift part of raises to bonuses.
Tom Philpott. AF Times 42:1+ Mar 15 '82

Army--U.S.

Restructuring CMF (Career Management Field)
67. Capt Charles N.Avery. illus Army Log
14:16-17 Sep-Oct '82

PERSONNEL DETECTION SYSTEMS

New detection device. Col Norman L.Dodd
illus Asian Def J No.2:74-75 Feb '82

PETROLEUM

The arms-oil connection--fueling the arms
race. Avi Beker. Armed Forces & Soc 8:
419-442 Spring '82

Petroleum production and prices. Regular
feature in issues of Defense & Foreign
Affairs

Supply and Distribution

Energy and the Soviet bloc. Thane Gustafson.
tabs Intl Sec 6:65-89 Winter '81/'82

Soviet POL: Problem and solution heroic.
LtCol William P.Baxter, Ret. illus Army
32:61-63 May '82

The Soviet Union and the Southern Sea Route.
LCDR James T.Westwood. map Nav War Col Rev
35:54-67 Jan-Feb '82

Straits of Hormuz--the fulcrum of Persian
Gulf oil security. Zulfikar A.Khalid. illus
map Asian Def J No.2:36-38 Feb '82

Soviet Union

Soviet POL: Problem and solution heroic.
LtCol William P.Baxter, Ret. illus Army
32:61-63 May '82

PETROLEUM INDUSTRY AND TRADE

Petroleum production and prices. Regular
feature in issues of Defense & Foreign
Affairs

IndonesiaHistory

Aircraft operations in Indonesia by the Royal
Dutch/Shell Companies 1934-1963. H.C.
Kavelaars and Matthew E.Rodina, Jr. illus
maps tabs Am Avn Hist Soc J 27:185-209
Fall '82

North Sea Region

The North Sea: A pause for politics? Jim Fer-
guson. illus map tabs Interavia 37:150-152
Feb '82

Soviet Union

The Soviet connection II: Moscow's dangerous
pipeline to Europe. Richard N.Perle.
Defense/82, pp 16-19, Feb '82

PHILIPPINES

The Philippine constabulary: A police-military force for all seasons. map charts illus Asian Def J No.9:17-18+ Sep '82

History

Disagreeable work: Pacifying the Moros, 1903-1906. Maj Andrew J. Bacevich, Jr. illus Mil Rev 62:49-61 Jun '82

Politics and Government

Plus and minus in Australia's Near North. Denis Warner. illus Pac Def Rep 9:61-63 Sep '82

Strategic Importance

Key U.S. bases in the Philippines. Alvin J. Cottrell. illus Natl Def 67:31+ Dec '82

PHOTOGRAPHIC RECONNAISSANCE see Reconnaissance, Aerial

PHOTOGRAPHY

See also
Cameras

Forum of flight. Regular feature in some issues of American Aviation Historical Society Journal

Keys to successful photo sales at military exchanges. Jack A. Robinson. illus tabs Interservice 2:95+ Fall '82

The pick of the pics. (Winners of the AF photography contest) illus Airman 26:31-33 May '82

PHOTOGRAPHY, AERIAL

Aerial photography. Christian Schmid. illus Armada Intl 6:58+ Jul-Aug '82

PHOTOGRAPHY, MILITARY

Naval and maritime prize photography 1982. Pictorial. US Nav Inst Proc 108:81-86 Apr '82

PHYSICAL EDUCATION AND TRAINING

The 'daily dozen' just won't do it. Col Frank A. Partlow, Jr. illus tabs Army 32:44-47+ Feb '82

Readiness begins with fitness. LtGen Bernhard T. Mittermeyer. illus Army 32:191-194 Oct '82

PHYSICAL EXAMINATIONS see Medical Examinations

PHYSICAL FITNESS

Acceleration-induced atrioventricular dissociation: Hemodynamic consequences. James E. Whinnery. tab illus Aviation, Space & Envmt Med 53:432-434 May '82

Battling the bulge. SSgt Jim Katzaman. illus Airman 26:10-14 Nov '82

PHYSICAL FITNESS - Continued

Building winners for the playing field and the battlefield. Capt Richard G. Priem and Jim Myers. illus Mil Rev 62:38-49 Nov '82

The 'daily dozen' just won't do it. Col Frank A. Partlow, Jr. illus tabs Army 32:44-47+ Feb '82

The effect of two years' training on aerobic power and muscle strength in male and female cadets. William L. Daniels and others. tabs Aviation, Space & Envmt Med 53:117-121 Feb '82

Follow-up of 14 abnormal electroencephalograms in asymptomatic U.S. Air Force Academy cadets. W. Douglas Everett and Mahmood S. Akhavi. illus tabs Aviation, Space & Envmt Med 53:277-280 Mar '82

GAO report: Ease med standards, get more quality recruits. AF Times 42:17 Mar 15 '82

Maxing the PFT (Physical Fitness Test). Capt F.W. Sultenfuss. MarCor Gaz 66:22-23 Jun '82

Mountain stevedores. Maj Otto W. Jessen. illus Translog 13:10-12 Mar '82

155 overweight separated; total down. Pat Dalton. AF Times 42:6 Mar 15 '82

Physical fitness: A personnel readiness issue. TIG Brief 34:14 Nov 29 '82

Physical fitness in the USSR. V. Ivonin. illus Soviet Mil Rev No.12:58-60 Dec '82

Physical fitness isn't just for basic trainees. illus tab Natl Guard 36:23-25+ Oct '82

Physiological, biochemical, and performance responses to a 24-hour crash diet. E. Arnold Higgins and others. illus tabs Aviation, Space & Envmt Med 53:210-217 Mar '82

Postexercise blood pressure as a predictor of hypertension. R. Davidoff and others. tabs Aviation, Space & Envmt Med 53:591-594 Jun '82

Readiness begins with fitness. LtGen Bernhard T. Mittermeyer. illus Army 32:191-194 Oct '82

Women in the Army: Do they measure up? Maj Robert L. Nabors. illus tabs Mil Rev 62:50-61 Oct '82

PHYSICALLY HANDICAPPED see Handicapped

PHYSICIANS

Antinuclear medics win DOD skirmish. AF Times 42:10 Jan 11 '82

DOD to Services: Report malpractice. Paul Smith. AF Times 43:3 Nov 1 '82

DOD warns Services: Don't cover up for doctors. Paul Smith. AF Times 43:3 Aug 16 '82

Defense wraps up review of Wilford Hall practices. Leonard Famiglietti. AF Times 43:3 Nov 1 '82

PHYSICIANS - Continued

(Dr. John F.) Beary testifies he was threatened. Martha Lynn Craver. AF Times 43:3 Aug 16 '82

(Dr. John F.) Beary won't name names. AF Times 43:4 Aug 23 '82

Dr. screening eyed after NCO's death. Rick Maze. AF Times 42:42 Jun 21 '82

First Guardsman attends Uniform Services Medical School. Natl Guard 36:17-18+ Sep '82

Greening the Army's doctors. Sgt1C Norman Oliver. illus Soldiers 37:19-21 Oct '82

'Homesteading' seen as problem at AF hospitals. Leonard Famiglietti. AF Times 42:1+ Jul 19 '82

House (Armed Services Investigations Subcommittee) panel awaits results of MD investigation. AF Times 42:2 Jan 18 '82

(LtGen Paul W.) Myers to stay in service pending Defense review. Leonard Famiglietti. AF Times 43:3 Aug 2 '82

M.D. probers want liability protection. Leonard Famiglietti. AF Times 43:3 Sep 20 '82

Med suit appeal seen. AF Times 42:3 Feb 8 '82

New Rx for Reserve in medical schools. illus Officer 58:24-25 Sep '82

No action sought over medic's OER. AF Times 42:3 Jul 5 '82

Reg would require surgeon standards. AF Times 43:12 Oct 11 '82

Summary of IG report in (Dr. William) Stanford case. AF Times 43:4+ Aug 23 '82

Theodore Cooper to review Wilford Hall investigation. Leonard Famiglietti. AF Times 43:3 Aug 9 '82

PHYSIOLOGICAL RESEARCH

See also
Aviation--Physiological Aspects

Acceleration induced voltage variations in the electrocardiogram during exhaustive simulated aerial combat maneuvering. James E. Whinnery. tabs Aviation, Space & Envmt Med 53:147-152 Feb '82

Cardiorespiratory assessment of 24-hour crash-diet effects on altitude, +Gz, and fatigue tolerances. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 53:201-209 Mar '82

The effect of acetazolamide on the proteinuria of altitude. Arthur R. Bradwell and John P. Delamere. tabs Aviation, Space & Envmt Med 53:40-43 Jan '82

PHYSIOLOGICAL RESEARCH - Continued

The effect of head cooling on deep body temperature and thermal comfort in man. G.A. Brown and G.M. Williams. illus tabs Aviation, Space & Envmt Med 53:583-586 Jun '82

Effects of relative metabolic rate and heart rate variation on the performance of flight attendants. Toshitada Yoshioka and others. illus tabs Aviation, Space & Envmt Med 53:127-132 Feb '82

Effects of various countermeasures against the adverse effects of weightlessness on central circulation in the healthy man. O.G. Gzenko and others. tabs Aviation, Space & Envmt Med 53:523-530 Jun '82

Evidence for the involvement of central alpha₂ mechanisms in intrathoracic volume expansion--induced diuresis: A study with clonidine and propranolol. Paul Montastruc and others. tabs Aviation, Space & Envmt Med 53:347-353 Apr '82

Human endocrine responses to acceleration stress. F. John Mills and Vincent Marks. tabs Aviation, Space & Envmt Med 53:537-540 Jun '82

Human tracking performance changes during combined +Gz and +Gy stress. John W. Frazier and others. tabs Aviation, Space & Envmt Med 53:435-439 May '82

Influence of a visual display and frequency of whole-body angular oscillation on incidence of motion sickness. Fred E. Guedry, Jr and others. illus tabs Aviation, Space & Envmt Med 53:564-569 Jun '82

Liver pathology in aircrew. K.E. Underwood Ground. tabs Aviation, Space & Envmt Med 53:14-18 Jan '82

Motion sickness incidence induced by complex periodic waveforms. J.C. Guignard and Michael E. McCauley. illus tabs Aviation, Space & Envmt Med 53:554-563 Jun '82

Phenytoin: Ineffective against acute mountain sickness. Richard L. Burse and others. illus tabs Aviation, Space & Envmt Med 53:221-225 Mar '82

Physiological, biochemical, and performance responses to a 24-hour crash diet. E. Arnold Higgins and others. illus tabs Aviation, Space & Envmt Med 53:210-217 Mar '82

Serum and urinary cation changes on acute induction to high altitude (3200 and 3771 metres). J.C. Chatterji and others. tabs Aviation, Space & Envmt Med 53:576-579 Jun '82

Sex differences in cardiac responses to successive apnea periods. P. Sebert and others. tabs Aviation, Space & Envmt Med 53:485-488 May '82

The strength-endurance relationship in skeletal muscle: Its application to helmet design. Jerrold Scott Petrofsky and Chandler A. Phillips. illus tabs Aviation, Space & Envmt Med 53:365-369 Apr '82

A study of treadmill exercise protocols for Chinese males. Bang-Lee Ho. tabs Aviation, Space & Envmt Med 53:112-116 Feb '82

PHYSIOLOGICAL RESEARCH - Continued

Ventilation and acid-base equilibrium for upper body and lower body exercise. Michael N.Sawka and others. tabs Aviation, Space & Envmt Med 53:354-359 Apr '82

The vestibulo-ocular reflex in man during voluntary head oscillation under three visual conditions. Ralph M.Jell and others. tabs Aviation, Space & Envmt Med 53:541-548 Jun '82

Visual scanning behavior and mental workload in aircraft pilots. J.R.Tole and others. illus tabs Aviation, Space & Envmt Med 53:54-61 Jan '82

PILOT ERROR

(Army aircraft mishaps)--telling it like it is. USA Avn Dig 28:16-19 Jan '82

Bad habits--not tricks of the trade: A helicopter IP learns a lesson in instruction. Capt Jerry M.Brewton. illus MAC Flyer 29:13-15 Oct '82

Captains (aircraft commanders, too) & co-pilots: Joint responsibility. Flying Safety 38:12-13 Mar '82

Don't get rolled--beware of dynamic rollover. illus MAC Flyer 29:16-18 Jun '82

Fatigue at night: A case study. TAC Attack 22:14-15 Dec '82

Is the guy in your mirror an enemy? Maj Terrell J.Osborn. illus Flying Safety 38:8-13 Jul '82

A little short (landing). Maj John E.Richardson. illus Flying Safety 38:2-3 Feb '82

Never trust anybody--(more than 99%). LtCol Bill Rees. illus Flying Safety 38:24-26 Jan '82

On hitting things. Maj John E.Richardson. illus Flying Safety 38:6-8 Jan '82

Pilot error, human error. SSgt William C. Hawkins. illus USA Avn Dig 28:40-43 Sep '82

Professionalism and the FY 82 aircraft accident record. Col Joseph R.Koehler. tab illus USA Avn Dig 28:14-17 Nov '82

PILOTSSee also

Aces
Astronauts
Test Pilots

The aerospace screening electroencephalogram: An analysis of benefits and costs in the U.S. Air Force. W.Douglas Everett and Stephen W.Jenkins. tabs illus Aviation, Space & Envmt Med 53:495-501 May '82

Airline pilot disability: Economic impact of an airline preventive medicine program. Robert Anderson and Charles C.Gullett. tabs Aviation, Space & Envmt Med 53:398-402 Apr '82

PILOTS - Continued

Are you a pro (copilot)? Capt Clinton W.Pate. Combat Crew 32:11-13 Jul '82

Aviator selection research: Then and now. John A.Dohme and others. illus tabs USA Avn Dig 28:24-29 Jun '82

Chopper pilots. MSgt Mike Mason. illus Soldiers 37:9-13 Feb '82

Effect of different runway sizes on pilot performance during simulated night landing approaches. Henry W.Mertens and Mark F. Lewis. tabs illus Aviation, Space & Envmt Med 53:463-471 May '82

Fewer military pilots seeking airline jobs. John Ginovsky. AF Times 42:2 Jun 28 '82

The first pilots of the Pacific. illus Sergeants 20:29-30 Mar '82

Flying the shuttle. (Interview with Col Karol J.Bobko) illus MAC Flyer 29:16-19 Apr '82

From routine to near disaster. CW3 Robert A. Stolworthy. USA Avn Dig 28:40-43 May '82

G stress on A-10 pilots during JAWS II exercises. Kent K.Gillingham and others. illus tabs Aviation, Space & Envmt Med 53:336-341 Apr '82

How the Air Force capitalized on a faltering airline industry. MajGen Kenneth L.Peek, Jr. tab Def Mgt J 18:2-7 Second Quarter '82

Job attitudes of commercial and U.S. Air Force pilots. William E.Rosenbach and Robert A.Gregory. tabs Armed Forces & Soc 8:615-628 Summer '82

The limits of man--automating the next generation of combat aircraft. Dennis Culkin. illus Def & For Aff 10:36-39+ Aug '82

Pilot error, human error. SSgt William C. Hawkins. illus USA Avn Dig 28:40-43 Sep '82

Pilot shortage 50 percent less than projected. John Ginovsky. AF Times 42:1+ Jun 7 '82

The pressure suit: Unsung, yet vital. Jay Miller. illus AF Times 43:25 Oct 18 '82

The proud fighter pilot. illus Flying Safety 38:4-5 Sep '82

Recent life change measurement in Canadian forces pilots. P.M.McCarron and N.H.Haakonson. tabs Aviation, Space & Envmt Med 53:6-13 Jan '82

Visual scanning behavior and mental workload in aircraft pilots. J.R.Tole and others. illus tabs Aviation, Space & Envmt Med 53:54-61 Jan '82

You're not just a pilot, you're an aircraft commander. Capt David F.Todd. illus MAC Flyer 29:18-20 May '82

PILOTS - ContinuedEducation and Training

See also
Instructor Pilots

Army aviation systems program review '82.
MajGen Carl H. McNair, Jr and Capt Josef Reinsprecht. illus por USA Avn Dig pt 1, 28:38-44 Jun '82; pt 2, Concepts, doctrine and tactics panel. 28:8-13 Jul '82; pt 3, Organization and force structure panel. 28:36-39 Sep '82; pt 4, The training panel. 28:2-8 Oct '82; pt 5, The materiel panel. 28:9-13 Oct '82

Becoming an F-15 wingman. F. Clifton Berry, Jr. illus AF Mag 65:116-122 Mar '82

Blocking & tackling (skills essential to the F-15 pilot are Radar Employment and Basic Fighter Maneuvers (BFM)). Capt Paul Stucky. illus USAF Ftr Wpns Rev, pp 24-28, Winter '81

Combat readiness: Naval air vs Air Force. LT Steven W. Smith. illus US Nav Inst Proc 108: 41-45 Feb '82

Developing a training program for Army aviators. Maj William T. Carter. illus USA Avn Dig 28:28-29 Jan '82

The early training of French pilots in the U.S. Rene C. Lévesque. illus Aerosp Hist 29: 253-259 Dec '82

FAIP (First Assignment Instructor Pilot)--an acronym that has to be earned. 1stLts Edward F. Schauburger and Jeffrey S. Alderfer. illus USA Avn Dig 28:26-27 Jan '82

Falcon fliers all. (16th Tactical Fighter Training Sq, Hill AFB, UT) SSgt Craig Pugh. illus Airman 26:2-7 May '82

Flying down to earth. TSgt Lorenzo D. Harris. illus Airman 26:13-15 Dec '82

"Perfect practice makes perfect." Maj Jerry Tilly and Capt Ken Sprague. illus Combat Crew 32:16-17 May '82

Pilot training, 1986 and beyond. BrigGen William M. Charles, Jr. illus AF Mag 65: 42-47 Feb '82

Pilots' ground training. Col Yu. Leonov. illus Soviet Mil Rev No. 9:16-17 Sep '82

Preparing the combat aviator. Maj Julian T. Marsh. illus Mil Rev 62:29-39 May '82

Priorities: When pressures mount, what becomes important? illus TAC Attack 22:4-5 Mar '82

Restricted area intrusion. 1stLt Dale T. Pierce. illus Flying Safety 38:10-12 Oct '82

Simulators play key role in EA-6B pilot training. Hal Gershanoff. illus J of Elect Def 5:60-62 Sep '82

Situation awareness: Bah! Humbug! Maj Jim Mackin. TAC Attack 22:4-5 Aug '82

PILOTS - ContinuedEducation and Training - Cont'd

Small jets eyed in training role. Leonard Famiglietti. AF Times 42:7 Mar 15 '82

They wrote the book. (388th Tactical Ftr Wg, Hill AFB, UT) SSgt Denise E. Cornella. illus Airman 26:8-9 May '82

Training on the Tornado--in squadron service soon. Paul Maurice. illus Interavia 37:80-81 Jan '82

Transitioning (process of learning the skills and procedures for becoming proficient in a new task). Anchard F. Zeller. Flying Safety 38:16-20 Oct '82

12 flags over Texas. (Pilots from NATO countries train at Sheppard AFB, TX) MSgt Alan Prochoroff. illus Airman 26:2-7 Nov '82

When does an IP (Instructor Pilot) take the controls? illus USA Avn Dig 28:14-16 Mar '82

History

Primary revisited--a reminiscence (of the Pacific Air School, Ft Stockton, TX). Carroll R. Anderson. illus Aerosp Hist 29: 195-201 Sep '82

History

A.K. Longren--pioneer airman of the west. Chuck Lebrecht. illus Am Avn Hist Soc J 26:258-270 Winter '81

America's flying heroines of World War II. H.R. Kaplan. illus Sergeants 21:22-26 Dec '82

Flying Hurricanes, Mustangs, and Spitfires. F. Nigel Smallpage. illus Aerosp Hist 29: 162-170 Sep '82

Reaction Time

Temporal distortions and the ejection decision. LtCol Douglas M. Carson. Flying Safety 38:8-10+ Mar '82

PILOTS, CIVILHistory

Johnny Crowell: Aircraftsman, exhibition pilot, and inventor. Thomas E. Lowe. illus Am Avn Hist Soc J 27:210-217 Fall '82

PILOTS, COMMERCIAL

Job attitudes of commercial and U.S. Air Force pilots. William E. Rosenbach and Robert A. Gregory. tabs Armed Forces & Soc 8:615-628 Summer '82

Education and Training

Training the airline pilot. Mark Lambert and Ramon Lopez. illus Interavia 37: 1269-1272 Dec '82

PIPE LINES

The Central Europe pipeline system. BrigGen Claude M. Kicklighter. illus por NATO's Fifteen Nations Special Issue No. 2:84+ '81

PISTOLS

IMI introduces the 9mm Mini-Uzi. R.D.M. Furlong. illus Intl Def Rev 15, No. 10:1429 '82

Modern weapons and equipment increase the striking power of counter-terrorist groups. Karl Gerhard Bornmann. Mil Tech 6:155-158+ Aug '82

The Soviet connection II: Moscow's dangerous pipeline to Europe. Richard N. Perle. Defense/82, pp 16-19, Feb '82

PLANETARIA

From Pegasus to Arcturus (The Spitz Planetarium at Mather AFB, CA, helps train navigators). SSgt Craig Pugh. illus Airman 26: 10-14 Oct '82

PLANETS

A space mystery: Quest of '10th planet.' John Ginovsky. AF Times 42:17 Jul 12 '82

PLANNING

See also
Military Planning
Planning-Programming-Budgeting System

The comptroller as planner. K.J. Euske. Armed Forces Compt 27:27-30 Fall '82

Developing a training program for Army aviators. Maj William T. Carter. illus USA Avn Dig 28:28-29 Jan '82

Federal cash flow management. William E. Douglas. illus Govt Exec pt 1, Long range planning at treasury. 14:39+ Nov-Dec '82

²
Future NATO air C. David A. Facey and Richard D. Ventry. Signal 37:61-62+ Dec '82

Human resources mobilization. Bruce Carswell. Signal 36:73-75+ Aug '82

National communications system. LtGen William J. Hilsman. Signal 36:79-82 Aug '82

New directions in ADP (Automatic Data Processing) acquisition--an Air Force perspective. Col Donald W. Sawyer, Jr. illus Signal 36: 37-39 Jul '82

Organizational goals. TIG Brief 34:18 Nov 29 '82

P³I--Pre-Planned Product Improvement. MajGen Donald M. Babers. illus Signal 36:11-12+ Jul '82

Preplanned product improvement: Do we really understand it? TIG Brief 34:13-14 Sep 27 '82

PLANNING - Continued

Priorities: When pressures mount, what becomes important? illus TAC Attack 22:4-5 Mar '82

Successful planning in six difficult steps. TIG Brief 34:17 Nov 29 '82

There is a general rule in the Pentagon that is noteworthy. The rule is "if it ain't in the POM it ain't in the budget." Interview. illus AF Engrg & Svcs Qtr 23:34-37 Summer '82

Time: Do we have control? TIG Brief 34:12 Jul 9 '82

Will your operations be ready when the computer goes down? TIG Brief 34:10 Jul 23 '82

PLANNING-PROGRAMMING-BUDGETING SYSTEM

See also
Economic Analysis

The acquisition process: New opportunities for innovative management. David D. Acker and George R. McAleer, Jr. illus tab Concepts 5:83-95 Summer '82

Focusing on fraud and waste. Deputy SecDef Frank C. Carlucci. por Armed Forces Compt 27:4-7 Winter '82

Improving the management of the Defense Department. Vince Puritano. tabs Armed Forces Compt 27:12-18 Spring '82

Issues facing the new administration. Albert C. Pierce. tab AEI For Plcy & Def Rev 3, No. 4-5:47-70 '81

The new acquisition environment: Challenge and opportunity. LtCol John D. Edgar. Concepts 5:9-15 Summer '82

The Weinberger-Carlucci initiatives: How are we doing? Vince Puritano. tabs Defense/82, pp 2-11, Jun '82

Readiness as a state of mind. Gen Bryce Poe II, Ret. illus AF Engrg & Svcs Qtr 23:4-6 Spring '82

POEMS

Computer Support: A Parable from the Bible of Systems Theory. LtCol David P. Evans. US Nav Inst Proc 108:84 Jan '82

POLAND

The restoration of control in Poland. Maj John Hasek. illus AU Rev 33:68-71 Jul-Aug '82

Economic Conditions

Poland's crises: Impact on the Warsaw Pact. Günther Wagenlehner. illus NATO's Fifteen Nations 27:70+ Jun-Jul '82

POLAND - ContinuedForeign Relations

The lights go out in Poland--No.2: Trauma or tragedy? T.B.Millar. Pac Def Rep 8: 21-22 Feb '82

Soviet Union

Contempt and crisis in Poland. David A. Andelman. map Intl Sec 6:90-103 Winter '81/'82

The restoration of control in Poland. Maj John Hasek. illus AU Rev 33:68-71 Jul-Aug '82

The Soviet Union and Poland's struggle for self-control. Edwina Moreton. Intl Sec 7: 86-104 Summer '82

United States

Martial law made in Moscow. Alexander M.Haig. illus por Pac Def Rep 8:24-26 Mar '82

Warsaw Pact

Poland's crises: Impact on the Warsaw Pact. Günther Wagenlehner. illus NATO's Fifteen Nations 27:70+ Jun-Jul '82

Politics and Government

Instability and change in Eastern Europe. F.Stephen Larrabee. tab Intl Sec 6:39-64 Winter '81/'82

The lights go out in Poland--No.1: Eye-witness in Warsaw. Robin Gedy. illus Pac Def Rep 8:16+ Feb '82

The lights go out in Poland--No.2: Trauma or tragedy? T.B.Millar. Pac Def Rep 8: 21-22 Feb '82

Poland's crises: Impact on the Warsaw Pact. Günther Wagenlehner. illus NATO's Fifteen Nations 27:70+ Jun-Jul '82

(Polish Ambassador to the United States, Romuald) Spasowski defects. Mil Sci & Tech 2, No.1:19+ '82

The Soviet Union and Poland's struggle for self-control. Edwina Moreton. Intl Sec 7: 86-104 Summer '82

Social Conditions

The lights go out in Poland--No.1: Eye-witness in Warsaw. Robin Gedy. illus Pac Def Rep 8:16+ Feb '82

The lights go out in Poland--No.2: Trauma or tragedy? T.B.Millar. Pac Def Rep 8: 21-22 Feb '82

Strategic Importance

Contempt and crisis in Poland. David A. Andelman. map Intl Sec 6:90-103 Winter '81/'82

Instability and change in Eastern Europe. F.Stephen Larrabee. tab Intl Sec 6:39-64 Winter '81/'82

POLAR RESEARCH see Antarctic Research; Arctic Research

POLICE

The Philippine constabulary: A police-military force for all seasons. map charts illus Asian Def J No.9:17-18+ Sep '82

POLITICAL SCIENCE

Consequences of social science research on the U.S. military. Morris Janowitz. Armed Forces & Soc 8:507-524 Summer '82

Political feasibility and military decision-making. Robert M.Krone. J Pol & Mil Sociol 9:49-60 Spring '81

POLITICAL WARFARE see

Cold War

War--Political Aspects

POLITICS

See also

International Politics

War--Political Aspects

also subdivision Politics and Government under specific countries

Citizens in uniform: Political participation among military and civilian samples. Stephen E.Frantzich. tabs J Pol & Mil Sociol 10:15-28 Spring '82

The conflict index. Regular feature in issues of Defense & Foreign Affairs

The power tables: Significant elections and changes in governments in the past year. Regular feature in some issues of Defense & Foreign Affairs

Terrorism as a political tool. Richard Clut-terbuck. illus NATO's Fifteen Nations 26: 49-50+ Dec '81-Jan '82

POLLUTION

See also

Environment

AF charged with dumping fuel in N.Y. John Ginovsky. AF Times 43:2 Aug 30 '82

AF to spend \$3 million for Tucson cleanup. John Ginovsky. AF Times 43:12 Oct 25 '82

Advanced concepts in wastewater treatment. Richard F.Srna and Alan B.Thum. illus tabs Mil Engr 74:292-297 Jul-Aug '82

Aircraft fuel jettisoning. Capt Harvey J. Clewell III. tabs illus Mil Engr 74:289-291 Jul-Aug '82

Improving water quality at Pearl Harbor. John H.Rayner and Alfred E.Makino. illus map Mil Engr 74:100-103 Mar '82

Leachate: Identifying/controlling a hazardous waste. Ed D.Smith and Richard R.Shafer. tab Mil Engr 74:188-189 Apr '82

POLLUTION - Continued

Reforming environmental permit laws. Neil Orloff. illus Mil Engr 74:280-281 Jul-Aug '82

POLYGRAPH see Lie Detectors

PORTS

Conference on national strategic mobility. Def Trans J 38:29-33 Jun '82

Estimating in-transit storage capacity. Capt Jeffrey C. Hilton. tab illus Army Log 14: 22-25 Nov-Dec '82

Improving water quality at Pearl Harbor. John H. Rayner and Alfred E. Makino. illus map Mil Engr 74:100-103 Mar '82

Pass the ammunition. LtCol K.L. Kraus. illus Translog 13:4-5 Jul '82

Planning for port operations. Capt Robert E. Thomas. illus Army Log 14:12-15 Sep-Oct '82

Pusan terminal supports Team Spirit 82. Maj James L. Spring. illus Translog 13:5-6 Jun '82

Rebuilding the infrastructure (the first significant overhaul of Federal port policy in 200 years). Thomas B. Allen. illus Sea Power 25:32-38 Jul '82

The river and the New Orleans District. Routh Trowbridge Wilby. illus Mil Engr 74:222-224 May-Jun '82

PORTUGALForeign RelationsNATO

Iberia: The new blood for a sorely-trying Europe. Dennis Culkin. illus Def & For Aff 9, No.14:6-9+ '81

Politics and Government

The armed forces movement and the Portuguese revolution: Two steps forward, one step back. John L. Hammond. J Pol & Mil Sociol 10:71-101 Spring '82

Strategic Importance

Portugal. Gen Jose Lemos Eerreira. illus NATO's Fifteen Nations Special Issue No.1:37+ '82

The Portuguese Navy and the Portuguese strategic triangle. Adm António de Sousa Leitão. illus NATO's Fifteen Nations Special Issue No.2:72-74 '82

POST EXCHANGES see Exchanges

POSTAL SERVICE

Defense wins, can open mail. AF Times 42:12 Apr 26 '82

POSTAL SERVICE - Continued

Information processing--visions of the future (use of computers in the information age). James L. Bispo and others. illus Signal 36: 13-14+ Feb '82

Technology, communications and you. (Address, Northeast Region's Postal Forum, Hartford) VADM Jon L. Boyes, Ret. Signal 36:47-49 Jan '82

History

An alfalfa field, with lights, will do (air-field development). Horace A. Waggoner. illus Aerosp Hist 29:13-21 Mar '82

An unscheduled stop. Ralph Johnston. illus map Am Avn Hist Soc J 27:92-96 Summer '82

POWER PLANTS see

Nuclear Power Plants
Tanks, Military--Power Plants

POWER RESOURCES

Energy and defence: An expert appraisal. D.M. Hocking. tabs illus Pac Def Rep 9:19+ Sep '82

Natural gas--a political weapon for the Soviet Union? B. Fritz. map tabs illus Intl Def Rev 15, No.1:15-18 '82

POWER SOURCES see

Electric Power
Nuclear Power Plants
Power Resources
Space Vehicles--Power Supply

PRECISION GUIDED MUNITIONS

PGMs achieve stand-off range with sophisticated guidance systems. David M. Russell. illus Def Elect 14:94-98 Nov '82

Precision guided munitions--a perspective. Charles S. Epstein. illus NATO's Fifteen Nations 27:54+ Apr-May '82

PREGNANCY

Convalescent leave after childbirth. TIG Brief 34:7 Jun 25 '82

Midwives make their mark. TSgt Lorenzo D. Harris. illus Airman 26:36-40 Nov '82

Pregnancy in the 46- and 316XX career fields. TIG Brief 34:12 Nov 15 '82

Pregnancy issue: Job for DOD, says Army. Larry Carney. AF Times 43:32 Dec 6 '82

Pregnant exits: Bonus repayment? Tom Philpott. AF Times 43:2 Sep 6 '82

Women in the Army: Do they measure up? Maj Robert L. Nabors. illus tabs Mil Rev 62: 50-61 Oct '82

PREJUDICES, RACIAL see Race Relations

PREPAREDNESS

See also
Air Defenses
Civil Defense
Defenses

Air base survivability. Col Darrell G. Bittle.
illus AF Engrg & Svcs Qtr 23:7-13 Spring
'82

The antinuclear movement and base security.
TIG Brief 34:5 Oct 11 '82

C-3: Essential to preparedness. illus Signal
36:17+ May-Jun '82

The changing role of the motor common carrier
and its impact on defense transportation:
Trucking our future war. Capt Bruce P.
Schoch. Def Trans J 38:14-16 Apr '82

The civil-military interface in industrial
preparedness. John Nocita. illus Def Mgt J
18:26-33 First Quarter '82

Emergency Mobilization Preparedness Board.
Louis O. Giuffrida. Signal 36:61-63 Aug '82

Industrial preparedness: A congressional per-
spective. Ronald F. Lehman. Def Mgt J 18:
7-13 First Quarter '82

Key questions for a successful generation
exercise. TIG Brief 34:9-10 Oct 11 '82

The long term defence programme. Rolf Bra-
band. illus NATO's Fifteen Nations 27:
46-47+ Oct-Nov '82

Management review of wartime capability
reports. TIG Brief 34:7 Oct 11 '82

Medical readiness in transition. TIG Brief
34:13-14 Jun 11 '82

The need to know. MajGen John B. Marks. TIG
Brief 34:1-2 Jan 22 '82

POMCUS (Prepositioning Of Materiel Configured
in Unit Sets): Feasibility or flaw? Moving
thousands of troops to dozens of sites to
draw equipment. Col W.D. McGlasson, Ret.
illus Natl Guard 36:19-22 Apr '82

Prime RIBS wartime readiness. LtCol Willis
O. Pickering, Jr. illus AF Engrg & Svcs
Qtr 23:12-14 Fall '82

Past is prologue: Strategic materials and the
defense industrial base. John D. Morgan. tab.
Def Mgt J 18:14-19 First Quarter '82

Readiness as a state of mind. Gen Bryce
Poe II, Ret. illus AF Engrg & Svcs Qtr
23:4-6 Spring '82

Ready response to a surge: New contracting
techniques. George T. Nickolas. Def Mgt J
18:34-39 First Quarter '82

War & peace--a firefighter's perspective.
SMSgt Donald W. Warner. illus AF Engrg &
Svcs Qtr 23:33-35 Spring '82

PRESIDENTS--U.S.

American Enterprise Institute's (William)
Baroody looks at the presidency. illus
Govt Exec 14:10-13 Feb '82

The 89th Military Airlift Wing: Selectivity,
stability, autonomy. William P. Schlitz.
illus AF Mag 65:88-93 Apr '82

The national security process: Plus ça change
...? William P. Bundy. Intl Sec 7:94-109
Winter '82/'83

Some presidents and the presidency. James
H. Buck. AU Rev 33:120-122 Jan-Feb '82

With Harry Truman in World War I. William L.
Roper. por illus Natl Guard 36:25-30 Jul
'82

PRESSURE

The PASTAGRAM--revised and explained. Maj
Michael J. Sieverding. illus Navigator 29:
13-15 Winter '82

The stresses of flight. Capt Ann Helm. MAC
Flyer 29:18-20 Nov '82

PRESSURE PATTERN FLIGHT see Navigation, Air

PRESSURE SUITS

The pressure suit: Unsung, yet vital. Jay
Miller. illus AF Times 43:25 Oct 18 '82

Surviving in high places. SSgt Craig Pugh.
illus Airman 26:42-48 Sep '82

PRILLAMAN, Richard L.

Command and control in the 2d Armored Divi-
sion. MajGen Richard L. Prillaman. illus
Mil Rev 62:36-43 Jul '82

PRINCIPLES OF WAR see Military Art and Science

PRISONERS AND PRISONS

COs lose power to continue pretrial confine-
ment. Don Mace. AF Times 43:6 Aug 23 '82

Earl's pleasure palace (Correctional Custody
Facility, Altus AFB, OK). LtCol Garry E.
Mitchellmore. illus Airman 26:16-19 Sep '82

Juries should weigh pretrial confinement.
Tom Philpott. AF Times 43:9 Oct 11 '82

PRISONERS OF WAR

See also

Vietnamese Conflict, 1957-1975--Prisoners of
War
World War II--Prisoners of War

Face-off in the jungle, and three came home.
Col Douglas E. Moore. illus Army 32:24-33
Mar '82

Marriage in limbo. Edna J. Hunter. illus US
Nav Inst Proc 108:27-32 Jul '82

PRISONERS OF WAR - Continued

Yankee Doodle boy (John R. McKone--prisoner of war in the Soviet Union, 1960-61). Capt Katie Cutler. illus Airman 26:8-13 Jul '82

Code of Conduct

Military hostages: What they need to know and don't. LtCol Richard E. Porter. AU Rev 33:94-101 Jan-Feb '82

Reflections on the code of conduct. CAPT Kenneth G. Schacht, Ret. illus US Nav Inst Proc 108:34-38 Apr '82

PROBLEM SOLVING

A basis for tactical thought. Theodore C. Taylor. illus US Nav Inst Proc 108:27-33 Jun '82

"Very grave suspicion." (Operational analysis) J.P. Wood. RUSI J for Def Studies 127:54-58 Mar '82

PROCUREMENT

See also
Weapons Procurement

Air Force--U.S.

Air Force speeding development cycle (accelerating the introduction of new technologies to military systems). James Fawcette. Interview. illus por Def Elect 14:65+ Sep '82

Beware of minicomputer purchases. TIG Brief 34:21 Oct 25 '82

Establishing requirements for aircrew training simulators. TIG Brief 34:4 Mar 19 '82

Funds control in the systems acquisition arena. J. Walter Epply III. AF Compt 16:29-31 Jan '82

General (James W.) Stansberry. Interview. por illus J of Elect Def 5:49-58+ Jul '82

Interim contractor support use for low quantity programs. TIG Brief 34:9 Jun 25 '82

Lessons learned: B-1B application. TIG Brief 34:5-6 Nov 29 '82

MJ-1 and MHU-83 bomblift remanufacture. TIG Brief 34:9 Apr 16 '82

New directions in ADP (Automatic Data Processing) acquisition--an Air Force perspective. Col Donald W. Sawyer, Jr. illus Signal 36:37-39 Jul '82

The only substitute for communication is communication! TIG Brief 34:15 Jan 22 '82

Phase IV program (Air Force-wide program to replace obsolete base level computer systems with state-of-the-art technology). BrigGen Avon C. James. illus tabs AF Compt 16:3-5+ Jul '82

Preplanned product improvement: Do we really understand it? TIG Brief 34:13-14 Sep 27 '82

PROCUREMENT - ContinuedAir Force--U.S. - Cont'd

The priorities and allocations system: Is it DX or DO? TIG Brief 34:14 Mar 19 '82

Revitalizing defense industries: The DOD-industry partnership. LtGen James W. Stansberry. Def Mgt J 18:2-6 First Quarter '82

Your Air Force hotline in action! TIG Brief 34:3 Feb 19 '82

Armed Forces--AustraliaDirectories

The Australian defence industry directory. Pac Def Rep 8:245+ Dec '81/Jan '82

Armed Forces--U.S.

Administrator, Office of Federal Procurement Policy. Interview. Donald E. Sowle. illus Mil Elect/Countermeasures 8:10+ Mar '82

Budget cuts miss most electronics programs. Richard Hartman. illus tabs Def Elect 14:125-126+ Oct '82

DOD policy for acquisition of embedded computer resources. H. Mark Grove. illus tabs Concepts 5:9-36 Autumn '82

Hope blossoms for speedier EW acquisition. MajGen James E. Freeze, Ret. illus por Mil Elect/Countermeasures 8:13+ Dec '82

Just how good/bad is the defense acquisition process. Norman Augustine. tab illus Govt Exec 14:27-28+ Feb '82

Keys to success in C³I. BrigGen Bernard L. Weiss. Signal 36:52-54 Aug '82

A management technique for software acquisition. Maj Howard W. Wendt and Michael W. Evans. illus Concepts 5:162-176 Autumn '82

New initiatives in defense acquisition. John Smith. illus Signal 36:55-57 Aug '82

The Reagan defense program: Can it hold up? Herschel Kanter. illus tabs Strat Rev 10:19-34 Spring '82

Suggestions for DOD management of computer software. AIA/EIA (Aerospace Industries Association/Electronic Industries Association) White Paper. Concepts 5:48-72 Autumn '82

Today's risks in software development--can they be significantly reduced? MajGen Jerry Max Bunyard and James Mike Coward. tabs illus Signal 37:18+ Oct '82; Concepts 5:73-94 Autumn '82

Statistics

Electronics industry can anticipate strong growth in 1983. Harry V. Martin. tabs Mil Elect/Countermeasures 8:28-31 Dec '82

PROCUREMENT - ContinuedArmy--U.S.

Aircraft survivability equipment--from the lab to the field. George B.Hendon III. illus J of Elect Def 5:46-53 Apr '82

Ammunition procurement strategy. LtCol Roy R.Willis. illus tab Army Log 14:2-5 Jan-Feb '82

A new era in ammunition management. LtGen Harold F.Hardin, Jr. illus Army Log 14:18-21 Sep-Oct '82

Defense Dept--Germany (West)

Defence procurement: Industry must share the risks. illus tabs Interavia 37:336-341 Apr '82

Defense Dept--U.S.

AFCEA C² acquisition study. Robert F.O'Donohue, Jr. Signal 36:58-60 Aug '82

ASPJ (Airborne Self Protection Jammer)--a unique defense procurement program. Neil W.Hansen. illus J of Elect Def 5:31-36 Feb '82

Competition and joint venture procurement. Emanuel Kintisch. Natl Def 67:45-46+ Sep '82

The continuing resolution. Col Philip H. Stevens, Ret. illus Natl Def 67:52-54+ Sep '82

A cost growth primer. LtCol John R.Power, Jr. illus Concepts 5:93-104 Spring '82

DOD procurement policy: The effect on aerospace financial risk. Col James R.Woody. Def Mgt J 18:22-27 Third Quarter '82

Defense acquisition--old problems and new policies and serious questions about implementation. James H.Babcock. Govt Exec 14:14+ Nov-Dec '82

The defense industrial base: A policy approach. Antonia Handler Chayes. Def Mgt J 18:40-46 First Quarter '82

Financing defense system programs. Franz A.P.Frisch and David D.Acker. illus tabs Concepts 4:7-28 Autumn '81

A fire only the President can extinguish. Col E.D.Milauckas, Ret. Govt Exec 14:46-47 Nov-Dec '82

Free enterprise and the American defense industry. (1981 Bevan G.Cass Award Essay) Maj George G.Peery. illus MarCor Gaz 66:44-49 Jan '82

GAO: Slow pay, tough rules drive away meat suppliers. AF Times 42:16 Mar 15 '82

"I don't make policy. I just try to get the weapons." Interview. Richard D.DeLauer. illus Armed Forces J Intl 119:37-38+ Mar '82

PROCUREMENT - ContinuedDefense Dept--U.S. - Cont'd

Improving the management of the Defense Department. Vince Puritano. tabs Armed Forces Compt 27:12-18 Spring '82

JCS role in C³ systems acquisition. LtGen Hillman Dickinson. Signal 36:49-51 Aug '82

Military procurement. RADM Henry E.Eccles, Ret. Log Spectrum 16:35-36 Summer '82

Multiyear procurement: A current perspective. Majs Ronald H.Rasch and Jonathan L.Brearey. Concepts 5:39-53 Spring '82

Multiyear procurement in the first Reagan defense budget. Richard A.Harshman. tab Armed Forces Compt 27:25-28 Summer '82

The new acquisition environment: Challenge and opportunity. LtCol John D.Edgar. Concepts 5:9-15 Summer '82

A new look at an old remedy: Multiyear contracts and defense procurement. Gen Alton D.Slay. tab Def Mgt J 18:20-25 First Quarter '82

A political issue: Government competing with the private sector. Earle C.Williams. illus Govt Exec pt 1, 14:36+ May '82

Selecting programs for multiyear procurement. LtCol Kary R.Lafors. Concepts 5:54-67 Spring '82

Some software implications of C² system acquisition. Alan J.Roberts. tabs illus Signal 36:19-25 Jul '82

Successful strategies for netting defense contracts. Margaret M.Worthington. tab Def Mgt J 18:26-31 Fourth Quarter '82

Navy

Western European and NATO navies. Stephen S. Roberts. illus tab map US Nav Inst Proc 108:35-42 Mar '82

Navy--U.S.

Navy shipboard EW quick fix. RADM A.A.Gallotta. illus tabs J of Elect Def 5:36-42+ Apr '82

The new defense budget, and how it shrank. Kenneth E.Cornell. Sea Power 25:33-34 Mar '82

Shipboard EW systems--where we are; and how to proceed into the 1980's. Harold E.Cre-craft. illus J of Elect Def 5:61-66+ Mar '82

"We'd be better off building what we know we can build today and putting it out in the fleet." Interview. ADM John G.Williams, Jr. illus tabs por Armed Forces J Intl 119:54+ Apr '82

PROCUREMENT - ContinuedNavy--United States - Cont'dStatistics

Major Navy weapons programs. tables only
Sea Power 25:22-23 Mar '82

A sea change in defense programs: Navy/USMC budget hiked; NOAA, MarAd, USCG cut. James D.Hessman and Mary Ann Edwards. illus tabs
Sea Power 25:12+ Mar '82

United States

The benefits of going commercial. James A. Hawkins and James S.Moser. Govt Exec 14:8-9 Feb '82

Concepts of Federal procurement: The award fee approach. Raymond G.Hunt. bibliog Def Mgt J 18:8-17 Second Quarter '82

Defense communique. Regular feature in issues of National Defense beginning with January 1982

Mission-oriented contract support in the systems acquisition environment. TIG Brief 34:13-14 Jan 8 '82

Professional accountability: The coming bottom line in federal procurement policy. Don Sowle. illus Govt Exec pt 1, 13:30-33 Dec '81; pt 2, Obtaining effective competition in Federal buys. 14:42+ Mar-Apr '82; pt 3, Reagan's marching order: Reform the system now. 14:24-25+ May '82

PRODUCTION see IndustryPRODUCTION MANAGEMENT

Application of scheduling heuristics to the USAF aircraft maintenance depot. LtCol Thomas D.Clark, Jr and 2dLt Joseph W. Adams, Jr. tabs AF J Log 6:10-14+ Winter '82

Government/industry relationships: Working together eyeball to eyeball. Col Richard Bowers and R.C.Trimmell. illus Govt Exec 14:29+ May '82

Logistics and defense custom electronics. Jerry W.Betts. Log Spectrum 15:25-27 Winter '81

Managing better American productivity. Warde F.Wheaton. illus Natl Def 66:38-40 Feb '82

NAVSEA (Naval SEA Systems Command): Management development pays off. John Walker Hartigan. Govt Exec 14:56-57 Mar-Apr '82

Ready response to a surge: New contracting techniques. George T.Nickolas. Def Mgt J 18:34-39 First Quarter '82

Restoring quality in America's defense industries. Del Burchfield. illus tab Defense/82, pp 26-32, Jul '82

PRODUCTIVITY see Labor ProductivityPROFESSIONAL MILITARY EDUCATION see Noncommissioned Officers Academies Staff CollegesPROFESSIONALISMSee also

Military Service as a Profession

The captain. CDR John L.Byron. US Nav Inst Proc 108:39-45 Sep '82

Clausewitz and contemporary American professionalism. Col Thomas B.Vaughn. Mil Rev 62:39-44 Dec '82

A crisis in self-image: The role of the military in American culture. Donald Atwell Zoll. Parameters 12:24-31 Dec '82

The junior officer of the 1980s: The situational professional. Capt James H.Slagle. tabs AU Rev 33:90-96 Nov-Dec '81

Leadership by example: A key to mission success. TIG Brief 34:5 Jul 9 '82

Malpractice and the military lawyer: The gathering storm. Col Robert G.Douglass. AF Law Rev 22, No.1:1-19 '80/'81

A matter of trust. Ch(Col) Morris J.Holtzclaw. TIG Brief 34:1-2 Sep 13 '82

The Naval Institute president's annual address to the members. ADM Thomas B.Hayward. US Nav Inst Proc 108:17-18+ Aug '82

Navy women highly motivated. illus Officer 58:13-15 Mar '82

Professional designation cost analysis and price analysis. Roland D.Kankey. Armed Forces Compt 27:27+ Winter '82

Professionalism and the FY 82 aircraft accident record. Col Joseph R.Koehler. tab illus USA Avn Dig 28:14-17 Nov '82

Professionalism from lieutenant to colonel. Maj C.Anne Bonen. AU Rev 33:102-106 Jan-Feb '82

Quality assurance in documentation of nursing care. TIG Brief 34:16 Aug 27 '82

Where have all the (William "Billy") Mitchells gone? LtCol Timothy E.Kline. AU Rev 33:28-32 May-Jun '82

PROGRAM PLANNING

The acquisition process: A brief historical perspective. David D.Acker. illus Concepts 5:74-82 Summer '82

The acquisition process: New opportunities for innovative management. David D.Acker and George R.McAleer, Jr. illus tab Concepts 5:83-95 Summer '82

Action 21: Standard operation and support systems. Col Walker A.Larimer. Concepts 5:50-59 Summer '82

Augustine's laws and major system development programs. Norman R.Augustine. illus tabs Concepts 5:64-90 Winter '82

PROGRAM PLANNING - Continued

Controlling Murphy: How to budget for program risk. LtCol John D. Edgar. illus tabs Concepts 5:60-73 Summer '82

A cultural change: Pre-planned product improvement. LtCol Garcia E. Morrow and Jules J. Bellaschi. illus tab Concepts 5:16-25 Summer '82

Department of Defense acquisition improvement program. Col G. Dana Brabson. illus tabs Concepts 4:54-75 Autumn '81

Developing a management philosophy. Jules J. Bellaschi. Concepts 5:91-97 Winter '82

Effective self-inspection. TIG Brief 34:4 Apr 30 '82

European overview: Competition, education, taxation. Franz A. P. Frisch. illus tabs Concepts pt 1, 5:7-44 Winter '82; pt 2, Comparative investment patterns. 5:14-38 Spring '82

A management technique for software acquisition. Maj Howard W. Wendt and Michael W. Evans. illus Concepts 5:162-176 Autumn '82

Program stability: An essential element in improved acquisition. Harold J. Schutt and David D. Acker. tab Concepts 5:148-160 Summer '82

Readiness--coequal. Col G. Dana Brabson and John P. Solomond. tabs Concepts 5:161-189 Summer '82

Refining management techniques--a commitment to progress. Marc S. Caspe. illus tabs Mil Engr 74:354-359 Sep-Oct '82

Risk implications for cost growth in weapon system acquisition programs. William E. Thompson III. Concepts 5:116-128 Spring '82

Scheduling for program management: How and why. Forrest L. Godden, Jr. Concepts 4:107-115 Autumn '81

Taken for granted (the general scope and relative success of the logistics job). MajGen Theodore D. Broadwater. tab AF J Log 6:2-4 Spring '82

Today's risks in software development--can they be significantly reduced? MajGen Jerry Max Bunyard and James Mike Coward. tabs illus Signal 37:18+ Oct '82; Concepts 5:73-94 Autumn '82

PROJECTAssault Breaker

The assault breaker program: U.S. stand-off weapon technology of the future. Mark Hewish. illus Intl Def Rev 15, No. 9:1207-1211 '82

PGMs achieve stand-off range with sophisticated guidance systems. David M. Russell. illus Def Elect 14:94-98 Nov '82

PROJECT - ContinuedCOHORT

Can-do NCOs--with clout--can help cohesion problem. LtCol W. Darryl Henderson. illus Army 32:18-22 Mar '82

Cohesion is watchword in trailblazing B Co. Capt Lawrence M. Gehlaussen and LtCol Frederick W. Timmerman, Jr. illus Army 32:54-56+ May '82

The unit: The military member draws strength and confidence from a stable unit. Gen E. C. Meyer. illus por Defense/82, pp 2-9, Feb '82

COSAM

NASA will seek metal alternate. Leonard F. miglietti. AF Times 42:29 Jan 25 '82

Close Look

Close Look II update. LtCol Robert G. Lackey. illus Airlift Ops Rev 4:12-13 Apr-Jun '82

The shape of things to come: Close Look I and tactical operations. John W. Partin. illus Airlift Ops Rev 4:23-27 Apr-Jun '82

Have Quick

UHF (Ultra High-Frequency) antijam protection now--HAVE QUICK. LtCol Galen J. Rose. illus tab Signal 36:35-40 Apr '82

PAVE Mover

The assault breaker program: U.S. stand-off weapon technology of the future. Mark Hewish. illus Intl Def Rev 15, No. 9:1207-1211 '82

On discovery's threshold. SSgt Craig Pugh. illus Airman 26:28-35 Jan '82

Palace Abacus

Computer Resource Managers. Regular feature in issues of Air Force Comptroller

Palace Dollar

Palace Dollar team. Regular feature in issues of Air Force Comptroller

Prime BEEF

Beefing up Prime BEEF. Capt Ron Fuchs. illus Airman 26:41-46 Nov '82

Hands-on training . . . the need has never been greater. SMSgt Art Hanrahan and MSgt Peter Engles. illus AF Engrg & Svcs Qtr 23:4-5 Fall '82

Pick'n shovel warriors. James A. George. illus Airman 26:2-6 Jan '82

Prime BEEF training update. Maj S. Brian McCluskey. illus AF Engrg & Svcs Qtr 23:6-7 Fall '82

PROJECT - ContinuedPrime BEEF - Cont'd

Prime BEEF weapons and ammunition. TIG Brief 34:18 Mar 5 '82

Triple R (Rapid Runway Repair) in a chemical environment. Maj John A. Centrone. illus AF Engrg & Svcs Qtr 23:20-21 Spring '82

Prime RIBS

Air base survivability. Col Darrell G. Bittle. illus AF Engrg & Svcs Qtr 23:7-13 Spring '82

Hands-on training . . . the need has never been greater. SMSgt Art Hanrahan and MSgt Peter Engles. illus AF Engrg & Svcs Qtr 23:4-5 Fall '82

Prime RIBS wartime readiness. LtCol Willis O. Pickering, Jr. illus AF Engrg & Svcs Qtr 23:12-14 Fall '82

Red Baron

Documenting the Southeast Asia air war: Red Baron II and III. James R. Hinds. illus Aerosp Hist 29:191-194 Sep '82

Seek Talk

On discovery's threshold. SSgt Craig Pugh. illus Airman 26:28-35 Jan '82

UHF (Ultra High-Frequency) antijam protection now--HAVE QUICK. LtCol Galen J. Rose. illus tab Signal 36:35-40 Apr '82

Warrior

Logistics Warrior. Regular feature in issues of Air Force Journal of Logistics beginning with Summer 1982

Project Warrior. illus AF Mag 65:56 Aug '82

Project Warrior. TIG Brief 34:3 Oct 11 '82

Project Warrior. LtGen Jerome F. O'Malley. TIG Brief 34:2 May 28 '82

Project Warrior launched. Leonard Famiglietti. AF Times 42:1+ Mar 1 '82

Project Warrior now in full swing. AF Times 43:14 Sep 6 '82

Why an Air Force? F. Clifton Berry, Jr. Interview. illus por AF Mag 65:42-46 Jul '82

Wild Weasel

Heliborne Electronic Warfare System (HEWS). Col Robert S. Fairweather, Jr. illus USA Avn Dig 28:38-39 Apr '82

Of bears, weasels, ferrets and eagles. Col Harold E. Johnson. illus AU Rev 33:86-93 Jan-Feb '82

The radar warning story. illus Asian Def J No. 1:70-72 Jan '82

PROJECT - ContinuedWild Weasel - Cont'd

Wild Weasels smash the vermin. Thomas M. Cleaver. illus AF Mag 65:80-82 Jul '82

PROMOTIONAir Force--U.S.

See also
Weighted Airman Promotion System

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

Inside a Chiefs board (Central Chief Master Sergeant Evaluation Board). CMSgt Dave Sheeder. illus Airman 26:39-48 Aug '82

Life after navigation. Capt Thomas D. Brown, Jr. Combat Crew 32:6-7 Jul '82

Officer strength rise to spur promotions. John Ginovsky. AF Times 42:1+ Mar 8 '82

Senior staff changes. Regular feature in issues of Air Force Magazine

Time in grade cut for E-9 promotion. Don Mace. AF Times 43:1+ Oct 11 '82

Armed Forces--U.S.

Comparative staffing and advancement patterns--the Air Force and the private sector. Robert Roehrkas. tabs Armed Forces & Soc 8:601-613 Summer '82

Only the fittest should survive (Up or Out promotion and tenure system). LtCol Jack W. Cunningham. Jt Persp 2:26-37 Spring '82

Politics and promotions. John G. Kester. Parameters 12:2-13 Dec '82

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Statistics

How Services compare in rate of advancement. tabs AF Times 42:4 May 10 '82

Army--France

Elite selection in the French Army officer corps. François Caillietau. tabs Armed Forces & Soc 8:257-274 Winter '82

Army--U.S.

NCO promotions--the file is the key. MSgt Mike Mason. illus Soldiers 37:28-31 Mar '82

OPMS (Officer Personnel Management System): Where is it headed? Col William G. Hanne. tabs Mil Rev 62:13-22 Nov '82

Promotion board critiques ADA (Air Defense Artillery) career fields. Air Def Mag, pp 37-39, Jul-Sep '82

PROMOTION - ContinuedMarine Corps--U.S.

Up or out and the lateral move. Col Jerome W. Brown. illus tabs MarCor Gaz 66:52-57 Oct '82

History

Officer selection in the "Old Corps." Ralph W. Donnelly. illus MarCor Gaz 66:81-87 Nov '82

Those controversial boards. BrigGen R.H. Williams, Ret. MarCor Gaz 66:91-96 Nov '82

PROPAGANDA

Beating Moscow in the war of ideas and ideals. Maurice Tugwell. Nav War Col Rev 35:48-59 May-Jun '82

Disinformation: War with words. AF Mag 65:85-87 Mar '82

The other side of the hill--the Western threat to the Soviet Union. Vadim Zagladin. illus NATO's Fifteen Nations 27:22-24+ Aug-Sep '82

Propaganda work. LtCol A. Cherkashin. illus Soviet Mil Rev No.9:21-23 Sep '82

Public opinion and alliance security. Geoffrey E. Pattie. illus Strat Rev 10:71-79 Spring '82

Radio propaganda: A study in psychological warfare. P. Lewis Young. illus Asian Def J No.4:64-65 '82

Soviet snow job. CAPT E.J. Thaubald. illus US Nav Inst Proc 108:62-68 Jun '82

Using freedom to destroy it. (Excerpt from the Accuracy in Media's AIM Report, 1 Dec 1981) Reed Irvin. illus Officer 58:22-26 Mar '82

PROPELLANTSSafety Measures

Hydrazine revisited. illus TAC Attack 22:24-25 Apr '82

PROPELLANTS, LIQUID

See also
Hydrogen, Liquid

PROPERTY, GOVERNMENT

A commander's introduction to property accountability. Maj Thomas E. Skrodzki. Army Log 14:30-32 Jan-Feb '82

Commanders' responsibility for property. Col Orlen L. Brownfield. TIG Brief 34:2 Nov 15 '82

PROPERTY, GOVERNMENT - Continued

Control of government property. TIG Brief 34:11-12 May 14 '82

Facilities to support our people. Maj Donald R. Barrett. tabs AF Engrg & Svcs Qtr 23:26-28 Summer '82

Minding the battery's property store. Capt Michael J. Brady. illus Fld Arty J 50:42-43 Nov-Dec '82

Property (Review) Board proposes sale of military land. AF Times 42:14 Jul 19 '82

Reserved water rights on Air Force property. Capt Kirk S. Samelson. AF Law Rev 22, No.3:302-317 '81/'82

The security police role in fraud, waste, and abuse identification and prevention. TIG Brief 34:11 Jul 9 '82

Selling excess properties to reduce the national debt. MajGen Clifton D. Wright, Jr. TIG Brief 34:2 Oct 25 '82

PROPERTY, REAL

Selling excess properties to reduce the national debt. MajGen Clifton D. Wright, Jr. TIG Brief 34:2 Oct 25 '82

PROPULSION SYSTEMS

See also
Boosters
Thrust
also specific types of Propulsion, e.g.,
Electric Propulsion

Propulsion trends for unmanned air vehicles. Robert P. Schiller. illus tabs Natl Def 67:26-30 Sep '82

PSYCHIATRY

Criminal insanity--the problem after. LtCol Franklin W. Losey. AF Law Rev 22:137-147 '80/'81

The personality disordered individual in aviation units: A primer for commanders and flight surgeons. LtCol Brian H. Chermol. USA Avn Dig 28:15-17 Feb '82

PSYCHOLOGICAL RESEARCH

Cnth?: On the strategic potential of ESP. Roger A. Beaumont. Signal 36:39-40+ Jan '82

An introduction to disaster: Some considerations of a psychological nature. Timothy J. Singer. Aviation, Space & Envmt Med 53:245-250 Mar '82

Personality and value changes in West Point cadets. Robert Priest and others. tabs Armed Forces & Soc 8:629-642 Summer '82

Recent life change measurement in Canadian forces pilots. P.M. McCarron and N.H. Haakonson. tabs Aviation, Space & Envmt Med 53:6-13 Jan '82

PSYCHOLOGICAL RESEARCH - Continued

Reducing motion sickness: A comparison of autogenic-feedback training and an alternative cognitive task. William B. Toscano and Patricia S. Cowings. tabs illus Aviation, Space & Envmt Med 53:449-453 May '82

The relationship of motion sickness susceptibility to learned autonomic control for symptom suppression. Patricia S. Cowings and William B. Toscano. tabs Aviation, Space & Envmt Med 53:570-575 Jun '82

Relationship of personality factors and some social habits to cardiovascular risk in submariners. D.V. Tappan and B.B. Weybrew. tabs Aviation, Space & Envmt Med 53:383-389 Apr '82

Serial personality evaluations of repatriated U.S. Air Force Southeast Asia POWs. Richard D. Wheatley and Robert J. Ursano. illus tabs Aviation, Space & Envmt Med 53:251-257 Mar '82

PSYCHOLOGICAL WARFARESee also

War--Psychological Aspects

Beating Moscow in the war of ideas and ideals. Maurice Tugwell. Nav War Col Rev 35:48-59 May-Jun '82

Maneuver/fluid warfare: A review of the concepts. Capt G.I. Wilson. illus MarCor Gaz 66:54-61 Jan '82

Psychological warfare and the Latin American crisis. Robin Navarro Montgomery. illus AU Rev 33:48-57 Jul-Aug '82

Radio propaganda: A study in psychological warfare. P. Lewis Young. illus Asian Def J No.4:64-65 '82

PSYCHOLOGYSee also

Motivation (Psychology)

Aviator selection research: Then and now. John A. Dohme and others. illus tabs USA Avn Dig 28:24-29 Jun '82

Psychological testing at high altitudes. Marc Nelson. tabs Aviation, Space & Envmt Med 53:122-126 Feb '82

Readiness as a state of mind. Gen Bryce Poe II, Ret. illus AF Engrg & Svcs Qtr 23:4-6 Spring '82

PUBLIC INFORMATION

No news: Self-censorship in the Marine Corps. Maj Robert N. Roman. illus MarCor Gaz 66:50-53 Jul '82

Public affairs guidance for handling confirmed cases of fraud, waste, and abuse. Gen Lew Allen, Jr. TIG Brief 34:1-2 Mar 5 '82

PUBLIC LANDS see Property, Government

PUBLIC OPINIONSee also

Vietnamese Conflict, 1957-1975--Public Opinion

CBS News, General Westmoreland, and the pathology of information. LtCol Evan H. Parrott, Jr. AU Rev 33:100-106 Sep-Oct '82

Disinformation: War with words. AF Mag 65:85-87 Mar '82

Education and antagonism to protest. Robert L. Hall and Saul F. Rosenthal. tabs J Pol & Mil Sociol 9:73-82 Spring '81

Elites and increased public support for U.S. military spending. Louis Kriesberg and others. tabs J Pol & Mil Sociol 10:275-297 Fall '82

The future of nuclear weapons. Michael Mandelbaum. Nav War Col Rev 35:58-79 Sep-Oct '82

"A growing anti-Alliance attitude threatens free world defense." Interview. MajGen Richard C. Bowman, Ret. illus por Armed Forces J Intl 119:66+ Feb '82

Public opinion and alliance security. Geoffrey E. Pattie. illus Strat Rev 10:71-79 Spring '82

Social status and responses to the Iranian hostage crisis. Lee Sigelman. tabs J Pol & Mil Sociol 9:61-72 Spring '81

Strategy and the social dimension in the 1980s. WgComdr Nigel B. Baldwin. AU Rev 33:112-115 Jan-Feb '82

Using freedom to destroy it. (Excerpt from the Accuracy in Media's AIM Report, 1 Dec 1981) Reed Irvin. illus Officer 58:22-26 Mar '82

PUBLIC RELATIONS

For material on the relations between a base and its neighboring community see Community Relations.

Air Force

The Air Force, the community and the environment: The role of public affairs. LtCol John G. Terino. AF Engrg & Svcs Qtr 23:44-45 Summer '82

National Guard--Army

The thin green line (personnel on active duty in the Army National Guard tour program). Col James B. Fleming. illus Natl Guard 36:25-27 Mar '82

PUBLICATIONS, MILITARY

See also specific types of Publications,

e.g.,
Manuals
Regulations
Technical Orders

PUBLICATIONS, MILITARY - ContinuedHistory

Airman at 25 (history of Airman magazine).
Robert K. Ruh1. illus Airman 26:32-38 Aug
'82

United States

Are you a pro (copilot)? Capt Clinton W. Pate.
Combat Crew 32:11-13 Jul '82

DOD kills 205 periodicals; still publishes
1,203 others. tab Armed Forces J Intl
119:16 Aug '82

Services-related periodicals. TIG Brief 34:8
Jun 11 '82

USAF Nuclear Surety Journal. TIG Brief 34:5
Feb 19 '82

PUBLICATIONS, MILITARY - ContinuedUnited States - Cont'd

Unit supply publications management. CW2
James W. Dee. illus Army Log 14:30-31 Mar-
Apr '82

PUERTO RICOStrategic Importance

Puerto Rico's terrorist threat: A strategic
problem. Capt Tom Linn. illus Def & For
Aff 9:24-27 Oct '81

PYROTECHNICS

Pyrotechnics from the Royal Ordnance Fac-
tories. illus Asian Def J No.2:50+ Feb '82

Q

QUALITY CONTROL

An angle in circles. David J. Fuchs. Translog
13:7 Sep '82

'Assuring' missile readiness. George L. Stew-
art, Jr. illus Army Log 14:24-28 Sep-Oct
'82

Military standardization is the backbone of
IC qualification. Mary Valmoja. Mil Elect/
Countermeasures 8:84-85 Aug '82

Quality assurance/risk management. TIG Brief
34:15-16 May 14 '82

Quality circles: A new style for American
management. Capt Charles S. Lail. AF J Log
6:28-29 Fall '82

Quality circles: Controlling work problems.
Elyce Pike and John R. Nordan, Jr. illus
Translog 13:8-9 Sep '82

Reliability monitor program complements
MIL-STD-883. William Scheld, Jr and Richard
Davis. illus tab Mil Elect/Countermeasures
8:82-83 Aug '82

Restoring quality in America's defense indus-
tries. Del Burchfield. illus tab De-
fense/82, pp 26-32, Jul '82

Software quality assurance. James A. Dobbins
and Robert D. Buck. illus tabs Concepts 5:
108-118 Autumn '82

A software quality framework. Emanuel R.
Baker and Matthew J. Fisher. illus Concepts
5:95-107 Autumn '82

QUALITY CONTROL - Continued

Systematizing quality assurance. Victor K.
Evans. illus Army Log 14:33-35 May-Jun '82

What is a fuels QAR? (Quality Assurance Rep-
resentative). TIG Brief 34:9 Jun 11 '82

QUARTERS ALLOWANCES

BA\$ (Basic Allowances for Subsistence) freeze
eyed to increase BAQ (Basic Allowances for
Quarters). Tom Philpott. AF Times 42:1+
Jul 5 '82

Big jump in VHA due this October. Tom Phil-
pott. AF Times 43:1+ Sep 13 '82

DOD eyes end to Reservists' VHA. Tom Phil-
pott. AF Times 43:3 Nov 22 '82

Figuring VHA rates. Airman 26:22 May '82

Here are the new single VHA rates. Tom Phil-
pott. AF Times 43:38+ Nov 1 '82

House OKs cap for VHA increases. AF Times
43:1+ Oct 4 '82

Housing. illus Soldiers 37:20-22 Jan '82

Military marriage: Pluses and minuses. AF
Times 43:21 Aug 23 '82

New rent-plus now under way o'seas. Tom Phil-
pott. AF Times 42:1+ May 10 '82

VHA to increase 13%; half of what's needed.
Tom Philpott. AF Times 43:1+ Oct 18 '82

QUESTIONNAIRES see Surveys

R O A see Reserve Officers Association of the U.S.

R O T C see Reserve Officers Training Corps

RACE PROBLEMS see Race Relations

RACE RELATIONS

Black-white relations in the U.S. military 1940-1972. Maj Alan M. Osur. AU Rev 33:69-78 Nov-Dec '81

Burden of proof in discrimination complaints. TIG Brief 34:13 May 14 '82

New regulation (AFR 40-1613) on discrimination complaints. TIG Brief 33:10 Dec 18 '81; Correction. 34:9 Jan 22 '82

Perceived discrimination and the military experience. John S. Butler and Malcolm D. Holmes. illus tabs J Pol & Mil Sociol 9: 17-30 Spring '81

Racial imbalance cause for dilemma. Tom Philpott. AF Times 42:7 Jul 12 '82

Rand (Corporation): Exploit Soviet race problems. AF Times 43:6 Aug 2 '82

Reform and stability in South Africa. Samuel P. Huntington. tabs Intl Sec 6:3-25 Spring '82

RADAR

Beyond the far horizon: USAF's ionosphere-bouncing radar finally set to go. Chris Bulloch. illus Interavia 37:1302-1304 Dec '82

C³--technological edge for the '80s. Edgar Ulsamer. AF Mag 65:54-58 Jul '82

Close-in weapon systems. Kurt Arbenz. illus Armada Intl 6:6-7+ Jan-Feb '82

Covert/passive air defense sensors: A new approach to air defense. Mike Maxfield. illus Air Def Mag pt 1, pp 6-9, Apr-Jun '82; pt 2, pp 15-18, Jul-Sep '82

The deadly game: Search radar versus aircraft. Edwin M. Drogin. illus Def Elect 14:56-57+ Aug '82

ELINT (Electronic Intelligence) techniques for antenna beam and scan analysis. Richard G. Wiley. Excerpted from Electronic Intelligence: The Analysis of Radar Signals. tabs J of Elec Def 5:61-65+ Aug '82

Ground surveillance and target acquisition radar for the brigade commander. William Fishbein and Seymour L. Hersh. Signal 37: 62-63 Nov '82

How the radars work. Chris Heath. tabs Pac Def Rep 9:75+ Sep '82

Is VHSIC (Very High Speed Integrated Circuits) a panacea? Or, facing the von Neumann bottleneck. illus Def Elect 14:72-73 Aug '82

RADAR - Continued

Laser radars. M. Ahmed. tabs Islamic Def Rev 7, No.2:19-23 '82

Military surveillance radars, now and tomorrow. Chris Bulloch. illus Interavia 37: 676-678 Jul '82

The offensive-passive ship. Capt Robert C. Powers. illus US Nav Inst Proc 108:46-49 Jan '82

Ship-borne radars--recent developments. Robert van Tol. illus Armada Intl 6:22+ Sep-Oct '82

A Soviet view of ECM and ECCM (Excerpted from Radar Anti-Jamming Techniques, by M.V. Maksimov, et al) J of Elect Def 5: 53-60 Jan '82

TA anomalies. Capt William Ohlmeyer. tabs Combat Crew 32:12-13 Dec '82

Taking the uncertainties out of radar. Col Norman L. Dodd. illus Pac Def Rep 8:45-46 Feb '82

History

Night fighting over Europe. Donald S. Lopez. illus Navigator 29:18-21 Summer '82

An overview of surface Navy ESM/ECM development. Richard D. Curtis. illus J of Elect Def 5:27-38 Mar '82

Radar: Wartime development--postwar application, AN/APS-10. Milton Rhodes. illus map Aersp Hist 28:231-240 Dec '81

Weather Applications

NEXRAD (Next-Generation Weather Radar System) when? Slow progress towards Doppler weather radar. Chris Bulloch. illus map Interavia 37:961-962 Sep '82

RADAR, AIRBORNE

Bistatic air-to-surface radar advances. Lt Michael J. Wolfe. illus Mil Elect/Countermeasures 8:97-98 Feb '82

Blocking & tackling (skills essential to the F-15 pilot are Radar Employment and Basic Fighter Maneuvers (BFM)). Capt Paul Stucky illus USAF Ftr Wpns Rev, pp 24-28, Winter '81

DOD pressed for AWACS to help in drug fight. illus AF Times 42:10 Mar 22 '82

Ground boresighting the Rhino's magic eye. Capt Frank Griffin. illus USAF Ftr Wpns Rev, pp 20-22, Summer '82

LAMPS MK III ship/air weapon system: A tactical/surveillance force. C. Del Babb. illus Signal 37:8+ Oct '82

Listen when Arnie (ARN-101 system) speaks. Maj Bob French. tab illus USAF Ftr Wpns Rev, pp 9-12, Summer '82

RADAR, AIRBORNE - Continued

Maritime surveillance aircraft--a growth market. Robert Salvy. illus Armada Intl 6: 58-60+ Jan-Feb '82

Radar calibration. Capt John C. Sweda. illus Navigator 29:13-14 Summer '82

Rhino brain transplant (F-4 now modified with the Digital Target Intercept Computer (LRU-1)). Capt Tom Graves. illus USAF Ftr Wpns Rev, p 13+, Summer '82

Rhino's new bullet: The AIM-7F (recent Digital LRU-1 modification). Capt John Barry. illus USAF Ftr Wpns Rev, pp 18-20, Summer '82

History

Radar: Wartime development--postwar application, AN/APS-10. Milton Rhodes. illus map Aerosp Hist 28:231-240 Dec '81

RADAR AIDS TO AVIATION

CARA (Combined Altitude Radar Altimeter) to replace altimeters. AF Times 42:35 Feb 15 '82

RADAR COUNTERMEASURES see Electronic CountermeasuresRADAR EQUIPMENT

Accurate artillery firing with fire control radar. Werner Meyer. illus Mil Tech 6: 110-111 Nov '82

Airborne electronic warfare systems in Europe. Gowri S. Sundaram and Mark Hewish. illus Intl Def Rev 15, No.2:221-226 '82

Bistatic air-to-surface radar advances. Lt Michael J. Wolfe. illus Mil Elect/Countermeasures 8:97-98 Feb '82

Command, control and communications in air defense. Kurt Arbenz. illus Armada Intl (Special Issue I) 6:2+ May-Jun '82

Ground boresighting the Rhino's magic eye. Capt Frank Griffin. illus USAF Ftr Wpns Rev, pp 20-22, Summer '82

How the radars work. Chris Heath. tabs Pac Def Rep 9:75+ Sep '82

IFF (Identification Friend or Foe) secondary surveillance radars. Kurt Arbenz. illus tab Armada Intl 6:116-118+ Mar-Apr '82

Interavia surface radar catalogue. Tables only. Interavia pt 1, 37:679-686 Jul '82; pt 2, 37:963-966 Sep '82

MM-wave and infrared: A hybrid for all-weather weapons delivery. Arthur C. Levitan. illus tabs Mil Elect/Countermeasures 8:100-103 Feb '82

Malaysia awards ASTT (Action Speed Tactical Trainer) contract--sophisticated system for Lumut (Naval Base). Brian Walters. illus Asian Def J No.4:24-25 '82

RADAR EQUIPMENT - Continued

PAR (Pulse Acquisition Radar) flat panel system simulator. Linda Pirino Ross. illus Air Def Mag, pp 21-23, Jan-Mar '82

Radar on the battlefield. Stefan Geisenheyner. illus Asian Def J No.4:66-68+ '82

Taking the uncertainties out of radar. Col Norman L. Dodd. illus Pac Def Rep 8:45-46 Feb '82

Characteristics

Beyond the far horizon: USAF's ionosphere-bouncing radar finally set to go. Chris Bulloch. illus Interavia 37:1302-1304 Dec '82

NEXRAD (Next-Generation Weather Radar System) when? Slow progress towards Doppler weather radar. Chris Bulloch. illus map Interavia 37:961-962 Sep '82

History

Radar: Wartime development--postwar application, AN/APS-10. Milton Rhodes. illus map Aerosp Hist 28:231-240 Dec '81

RADAR NAVIGATION

Electronic navigation aids. Chris Heath. Pac Def Rep 8:55-56+ Jun '82

RADAR STATIONS

Employment of tactical air control radars. Col Robert E. Gardner. Signal 37:55-58 Nov '82

RADETZKY VON RADETZ, Joseph

Field Marshal Radetzky, 1766-1858. Curt F. Kollbrunner. illus Armada Intl 6:100-102 Sep-Oct '82

RADIATION

See also
Cosmic Rays

Automated inspection--a means to increased reliability. Anthony P. Trippe. illus Natl Def 66:18-22 Apr '82

Is there any protection against neutron weapons? W. Seifritz. tabs Intl Def Rev 14, No.12:1571-1572 '81

Pregnancy in the 46- and 316XX career fields. TIG Brief 34:12 Nov 15 '82

Proliferation kinetics of Paramecium tetraurelia in balloon-borne experiments. F. Croute and others. illus tabs Aviation, Space & Envmt Med 53:531-536 Jun '82

Rad(iation) hardening poses problems in large systems. Cedric R. Braun. illus Def Elect 14:177-180+ Oct '82

Whither the neutron bomb? Samuel T. Cohen. Def Sci 2000+ 1:22-23 May-Jun '82

RADIATION - ContinuedSafety Measures

Launch forecasting and reporting requirements.
TIG Brief 34:21 Jul 9 '82

Shielding

The case for nitride passivation of linear ICs. V. Conditio and T.J. Schwartz. illus Mil Elect/Countermeasures 8:44-46 Apr '82

Is VLSI vulnerable to radiation failures?
tab Def Elect 14:51-52 Jul '82

Survivable display terminals for the tactical nuclear environment. Clay Burdick. illus tab Mil Elect/Countermeasures 8:46-47+ Mar '82

RADIO BROADCASTING

Radio propaganda: A study in psychological warfare. P. Lewis Young. illus Asian Def J No.4:64-65 '82

'Wild Bill' of the air waves (uses radio as one recruiting method). James A. George. illus Airman 26:2-7 Feb '82

RADIO COMMUNICATIONS

Army digital microwave radio program. James E. Bartow. illus Signal 36:43-45 Apr '82

Cellular radio--a new era in telecommunications. Thomas Lamoureux. illus Signal 37:59-63 Sep '82

From smoke signals to spread spectrum, military communications decides who wins the war. Irving M. Gottlieb. tabs Mil Elect/Countermeasures 8:42-47 Dec '82

Lincompex (linked compressor and expander)--a shot in the arm for HF radio. W.J. Waller. illus tab Signal 36:25-28 Jan '82

MERCOMMS (MERchant ship COMMunications System)--wartime merchant ship communications comes of age. Edward J. Bender, Jr. Signal 36:49-51 Jul '82

Meteor burst communications. Robert L. Richmond. illus Mil Elect/Countermeasures pt 1, MBC advances assist C³ objectives. 8:68-72 Aug '82; pt 2, Upgrading performance doesn't cost. 8:56-61 Sep '82

New concepts in battlefield communications--part 1: Fast frequency hopping. P.E. Van. illus Intl Def Rev pt 1, 15, No.3:327-330 '82; pt 2: Slow/medium frequency hopping. Gowri S. Sundaram. 15, No.5:559-563 '82

SINCGARS (Single Channel Ground and Airborne System): The Army's new frequency hopping jam resistant combat net radio. Col Edward R. Baldwin, Jr. illus Signal 37:21-25 Nov '82

Secure voice requirement remains. Chris Bulloch. illus Interavia 37:576 Jun '82

Soviet communications: Bare-bones but secure. LtCol William P. Baxter, Ret. illus Army 32:30-33 Aug '82

RADIO COMMUNICATIONS - Continued

Tactical VHF radio communications in the German Army. LtCol Hans-Peter Krause and Dieter Roth. illus Signal 37:27-28+ Nov '82

UHF (Ultra High-Frequency) antijam protection now--HAVE QUICK. LtCol Galen J. Rose. illus tab Signal 36:35-40 Apr '82

RADIO COUNTERMEASURES see Electronic Countermeasures

RADIO EQUIPMENTSee also

Radio Receiving Equipment
Radio Transmitting Equipment

The future of ATC (Air-Traffic-Control) communications. Wolf-Rudiger Lange. illus Asian Def J No.1:80-81 Jan '82

Meteor burst communications. Robert L. Richmond. illus Mil Elect/Countermeasures pt 1, MBC advances assist C³ objectives. 8:68-72 Aug '82; pt 2, Upgrading performance doesn't cost. 8:56-61 Sep '82

Project Raven (tactical communications system) takes off. Lionel Hudson. illus Pac Def Rep 9:55+ Oct '82

SINCGARS (Single Channel Ground and Airborne System): The Army's new frequency hopping jam resistant combat net radio. Col Edward R. Baldwin, Jr. illus Signal 37:21-25 Nov '82

TBN 375--an advanced military relay transceiver. Einar Lundblad. illus Asian Def J No.4:84-86 '82

Target acquisition. 1stLt John S. Prather and Capt Scott R. Gourley. illus MarCor Gaz 66:59-66 Mar '82

Characteristics

Lincompex (linked compressor and expander)--a shot in the arm for HF radio. W.J. Waller. illus tab Signal 36:25-28 Jan '82

Exhibitions

Communications '82. Col Norman L. Dodd, Ret. illus Asian Def J No.7:62+ Jul '82

RADIO FREQUENCY

AFCEA 82--new technologies for satcom and HF. Gowri S. Sundaram. illus Intl Def Rev 15, No.8:1073-1076 '82

Advanced HF DF (High Frequency Direction Finding) system provides ranging by vertical triangulation. S.M. Bennett and K.B. Jenkins. illus Def Elect 14:90+ Jun '82

Extremely low frequency communications for submarines. William J. Ruhe. illus Mil Tech 6:74+ Jul '82

HF communications in defense still providing the crucial links. Gowri S. Sundaram. illus Intl Def Rev 15, No.4:409-416 '82

RADIO FREQUENCY - Continued

Industry looks at military exceptionally high frequency bands. Frederick L. Hofmann. illus Mil Elect/Countermeasures 8:38+ Oct '82

Lincompex (linked compressor and expander)-- a shot in the arm for HF radio. W.J. Waller. illus tab Signal 36:25-28 Jan '82

Meteor burst communications. Kenneth G. Gray. illus tabs Signal 36:125-126+ May-Jun '82

New concepts in battlefield communications-- part 1: Fast frequency hopping. P.E. Van. illus Intl Def Rev pt 1, 15, No. 3:327-330 '82; pt 2: Slow/medium frequency hopping. Gowri S. Sundaram. 15, No. 5:559-563 '82

Tactical VHF radio communications in the German Army. LtCol Hans-Peter Krause and Dieter Roth. illus Signal 37:27-28+ Nov '82

RADIO OPERATORS

Ham radio & MARS news. Regular feature in issues of Signal

RADIO RECEIVING EQUIPMENT

TBN 375--an advanced military relay transceiver. Einar Lundblad. illus Asian Def J No. 4:84-86 '82

RADIO TRANSMITTING EQUIPMENT

TBN 375--an advanced military relay transceiver. Einar Lundblad. illus Asian Def J No. 4:84-86 '82

RADIO WAVES

Meteor burst communications. Robert L. Richmond. illus Mil Elect/Countermeasures pt 1, MBC advances assist C3 objectives. 8:68-72 Aug '82; pt 2, Upgrading performance doesn't cost. 8:56-61 Sep '82

RADIOLOGICAL WARFARE see Nuclear Warfare

RAILROADSEquipment

Developing railroad hardware at MERADCOM. Marcia Boynton. illus Translog 13:17-19 Jan '82

Transportable railway loading ramp for fighting vehicles. Hasso Erb. illus Armada Intl 6:104+ Mar-Apr '82

United States

Future technology in the railroad industry. William J. Harris, Jr. illus Def Trans J 38:35-38 Dec '82

On track with rail Reservists. Capt Don Zimmer. illus Translog 13:8-9 Jan '82

Polymer concrete tests--a success. Col Joseph A. Bacci. illus Mil Engr 74:218-221 May-Jun '82

RAILROADS - ContinuedUnited States - Cont'd

Random danger: The railroad response. John E. Murray. illus Def Trans J 38:10-12+ Jun '82

Roadrailer: Multi-modal technology. Henry A. Fahl. illus Def Trans J 38:33-35 Dec '82

History

The Delaware and Raritan Canal: A bit of American transportation history. Harold L. Rubenstein. map Log Spectrum 16:20-23 Fall '82

RANGERSSee also
Commandos

Rangers and recon Marines. Capt Walter F. McTernan III. Infantry 72:20-22 May-Jun '82

Rangers jump into Ripley snowdrifts. Reed C. Hildreth. illus Natl Guard 36:26-28 May '82

History

(William O.) Darby. Martin Blumenson. illus por Army 32:37-39+ Jan '82

RANKArmed Forces

Rank structure and use of formal military titles. MajGen Charles McCausland. TIG Brief 34:2 Oct 11 '82

RANS, Donald Lynn

Air Force Accounting and Finance Center. por illus AF Mag 65:118 May '82

Assistant Comptroller for Accounting & Finance. Regular feature in issues of Air Force Comptroller

Challenges to financial management in the next decade. BrigGen D. Lynn Rans. tabs Armed Forces Compt 27:4-8 Fall '82

RAPID DEPLOYMENT FORCEFrance

Armor in French rapid assistance forces. Col Andre L. Rilhac. illus map Armor 91:20-22 Sep-Oct '82

Great Britain

Can the UK afford a Rapid Deployment Force? Keith Hartley. tabs illus RUSI J for Def Studies 127:18-21 Mar '82

The Falklands campaign: A war of yesterday? AVM Stewart W.B. Menaul, Ret. Strat Rev 10: 82-91 Fall '82

RAPID DEPLOYMENT FORCE - ContinuedSoviet Union

Soviets flex rapid deployment force. James Bussert. tab illus map Def Elect 14:90-91+ Jan '82

United States

The airlift enigma and a plan for the future. Vincent C. Hughes. illus Armed Forces J Intl 120:25-26+ Oct '82

Airlift: Key to modern military mobility. Edgar Ulsamer. illus AF Mag 65:174-176+ Sep '82

Bright Star. SSgt Gary L. Kieffer. illus Soldiers 37:10-14 Jun '82

Bright Star '82. Capts Craig Cioletti and Lee Smith. illus USAF Ftr Wpns Rev, pp 2-4, Summer '82

Bright Star: MAC--first in, last out. Maj Billie R. Carpenter. illus Airlift Ops Rev 4:14-16 Apr-Jun '82

Bright Star: The medium has a message. illus Def & For Aff 9, No.14:10-13+ '81

Congress okays \$1.5 billion for AF FY '82 construction. John Ginovsky. AF Times 42:7 Jan 4 '82

Dragon Team 3-82: Trial swing of the RDF's heavy punch. Capt Daniel P. Bolger. illus map Army 32:14-20 Sep '82

A European option in the Indian Ocean. Christopher Coker and Heinz Schulte. illus Intl Def Rev 15, No.1:27-34 '82

FMF (Fleet Marine Force) for the RDF. CDR Martin L. Cover III. illus US Nav Inst Proc 108:51-55 Jun '82

GAO questions 30mm gun urgency. Leonard Famiglietti. AF Times 42:24 Jan 11 '82

Gallant Eagle 82--total Army logistics. tab Log Spectrum 16:30-32 Fall '82

"Initially . . . it's all airlift." Commander, RDJTF (Rapid Deployment Joint Task Force). Interview. illus por Airlift 4:2-6 Fall '82

Is the RDF a rapid deployment farce? Jim Bussert. illus map Mil Elect/Countermeasures 8:24-28 Apr '82

Issues and answers: RDJTF C⁴IS (Command, Control, Communications, Computer and Intelligence Systems) support. Col Thomas B. McDonald III. illus Signal 37:35-38 Nov '82

It's time to assign one of two missions to each of the U.S.' two large "armies." BrigGen Philip L. Bolte. illus Armed Forces J Intl 119:65+ Jan '82

A joint approach to C³I. Edgar Ulsamer. AF Mag 65:54-57 Dec '82

RAPID DEPLOYMENT FORCE - ContinuedUnited States - Cont'd

Lack of pact delays Ras Banas buildup. AF Times 42:12 Jan 18 '82

A logistics function--DOD water 'works.' LtGen Richard H. Thompson and Capt Daniel G. Mongeon. Army Log 14:6-8 Jan-Feb '82

Logistics support of Bright Star '82. LtCol Carl N. Price. illus Army Log 14:2-6 Jul-Aug '82

Long-range combat aircraft and Rapid Deployment Forces. LtCol William R. Liggett. illus map AU Rev 33:72-81 Jul-Aug '82

The Persian Gulf and the correlation of forces. W. Scott Thompson. Intl Sec 7: 157-180 Summer '82

RDF Red Flag. LtCol Mike Nelson. illus USAF Ftr Wpns Rev, pp 5-8, Summer '82

The RDJTF: A paper tiger or a real force? MSgt Mike Mason. illus Soldiers 37:8-9 Jun '82

The RDJTF and doctrine. Capt James A. Bowden. illus Mil Rev 62:50-64 Nov '82

The RDJTF nine thousand. Maj Dick Crossland. illus Officer 58:20-22 Jan '82

The Rapid Deployment Force--another look. Edgar O'Ballance. illus map Natl Def 66: 34-36+ Feb '82

The Rapid Deployment Joint Task Force. Maj Joe Faherty. Airlift 4:7-8 Fall '82

The risks of far-flung deployment. Albert L. Weeks. illus tab Mil Sci & Tech 2, No.1:50-59 '82

Role of the battleship in rapid deployment forces. Maj J. Michael Strickland. tab Jt Persp 3:14-25 Winter '82

The role of the Joint Deployment Agency. illus Translog 13:1-4 Sep '82

Toward adequate airpower for tomorrow (Policy paper, adopted at AFA's Annual National Convention, Sep 14, 1982). AF Mag 65:44-53 Nov '82

The U.S. Army's future Light Infantry Division: A key element of the RDF. Ramon Lopez. illus Intl Def Rev 15, No.2:185-192 '82

The U.S. stake in the Persian Gulf. Alvin J. Cottrell. illus Natl Def 67:22-26 Nov '82

When rapid means right now! SMSgt Gerald H. Smith. illus Air Reservist 34:16-19 May-Jun '82

RATINGS

See also
Effectiveness Reports

RATIONS

Food service and maneuver warfare. Capt P.J. Klepper II. MarCor Gaz 66:26-27 Jan '82

REACTIVATION OF SHIPS see Ships--ReactivationREADINESS COMMAND

Gallant Eagle 82--total Army logistics. tab Log Spectrum 16:30-32 Fall '82

REAGAN, Ronald

American Enterprise Institute's (William) Baroody looks at the presidency. illus Govt Exec 14:10-13 Feb '82

Barry Goldwater and the military balance: A warning to President Reagan. Anthony H. Cordesman. tabs Armed Forces J Intl 119:88+ May '82

Senior military rates Reagan's defense team at C+ on first year's performance. Deborah G.Meyer. tab Armed Forces J Intl 119:22-23 Apr '82

REAL ESTATE see Property, RealREAL PROPERTY see Property, RealRECONNAISSANCE

The Alamo Scouts. Maj George R.Shelton. illus Armor 91:29-30 Sep-Oct '82

An approach to reconnaissance doctrine. Col George E.Daniels. AU Rev 33:62-69 Mar-Apr '82

Rangers and recon Marines. Capt Walter F. McTernan III. Infantry 72:20-22 May-Jun '82

Skytrack (ground based cinetheodolite network). illus Asian Def J No.7:27-28 Jul '82

The three D's of reconnaissance (Detection, Determination, and Deception). 2dLt Geoffrey C.Davis. illus Armor 91:24-25 Mar-Apr '82

History

The Alamo Scouts. Maj George R.Shelton. illus Armor 91:29-30 Sep-Oct '82

Study and Teaching

The Alamo Scouts. Maj George R.Shelton. illus Armor 91:29-30 Sep-Oct '82

RECONNAISSANCE, AERIAL

See also
Satellites, Reconnaissance
Vietnamese Conflict, 1957-1975--Reconnaissance Operations

Aerial photography. Christian Schmid. illus Armada Intl 6:58+ Jul-Aug '82

"Electronic cameras" with instantaneous ground read-out now make real-time, precision tactical targeting operationally feasible. Benjamin F.Schemmer. illus Armed Forces J Intl 120:70-72 Nov '82

RECONNAISSANCE, AERIAL - Continued

The Israeli IAI Scout drone. Ezio Bonsignore. illus NATO's Fifteen Nations Special Issue No.1:97+ '82

SR-71 mach 3+. Maj Frank W.Stampf. illus Navigator 29:4-8 Spring '82

Tactical Electronic REConnaissance (TEREC) operational employment. Mike Stambolis and Paul W.Post. illus J of Elect Def 5:115-116+ Oct '82

To see, but not to be seen. Comdr J.Ellsén and J.Järnekull. illus Armada Intl 6:64+ May-Jun '82

RECORDS

See also
Correspondence, Military
Forms, Military

Air Force

Management tool for aerospace physiology instructors. TIG Brief 34:16 Sep 13 '82

Armed Forces

Boards of justice. Tom Kiddoo. illus Soldiers 37:34-36 Oct '82

Army

NCO promotions--the file is the key. MSgt Mike Mason. illus Soldiers 37:28-31 Mar '82

Reserve Forces--Army--U.S.

How ready Reservists can make points good. illus Officer 58:17-18 Feb '82

Reserve Officers Training Corps--Air Force

The form (checklist for completing the AFROTC Form 48). Capt Park Owens. illus Educ J 24:37-40 AY '82/'83

RECORDS MANAGEMENT PROGRAMAir Force

Validating 'report of patient' workload. TIG Brief 34:16 Dec 20 '82

RECREATION

Recreation (activities). illus Soldiers 37:41-45 Jan '82

RECRUITING AND ENLISTMENT

See also
Reenlistment

Air Force--U.S.

Air Force Orientation Group. illus Sergeants 20:20-21 May '82

'A new ball game' (recruiting and retention). LtGen Andrew P.Iosue. TIG Brief 34:2 Jun 11 '82

RECRUITING AND ENLISTMENT - ContinuedAir Force--U.S. - Cont'd

Pentagon study: Recruits in AF above average. Tom Philpott. tab AF Times 42:1+ Mar 8 '82

Why be an Air Force engineer? John W. Demidovich and C.C. Crawford. AF Engrg & Svcs Qtr 23:34-35 Fall '82

'Wild Bill' of the air waves (uses radio as one recruiting method). James A. George. illus Airman 26:2-7 Feb '82

Armed Forces--U.S.

CBO: 4% cap won't hurt short-term recruiting. Martha Lynn Craver. AF Times 42:3 Jun 14 '82

(Congressional) Budget Office considers GI Bill, other incentives. AF Times 42:14 Mar 29 '82

DOD pressed on longer enlistment. Tom Philpott. AF Times 42:1+ Jun 21 '82

GAO: Biodata inventories would cut washout rate. AF Times 42:7 Apr 12 '82

GAO report: Ease med standards, get more quality recruits. AF Times 42:17 Mar 15 '82

HASC (House Armed Services Committee) report states GI Bill needed--now. AF Times 42:9 Jun 14 '82

How valid is re-up 'contract'? Tom Philpott. AF Times 42:3 Jun 28 '82

Making the volunteer force work. Asst SecDef Lawrence J. Korb. por tabs illus Defense/82, pp 2-11, Jan '82

(Military Manpower) Task Force: Switch pay hike formula. Tom Philpott. illus AF Times 43:1+ Nov 1 '82

Scientist shortage plagues Services. AF Times 42:1+ Feb 1 '82

Services: 86 pct. of 'FY '82 recruits are HS grads. Tom Philpott. tabs AF Times 43:40 Dec 27 '82

Study points to immigrant recruits. Leonard Famiglietti. AF Times 43:4 Aug 30 '82

Army--U.S.

Be all you can be. LtCol Wade W. LaDue. illus Soldiers 37:21-25 Jul '82

Joblessness linked to recruiting highs. Tom Philpott. tab AF Times 43:7 Oct 11 '82

Panel (of 55 prominent Americans) sees probable need for draft. AF Times 42:11 Jul 12 '82

Predicting attrition among non-high school graduate Army enlistees. James S. Blandin and James H. Morris. tabs Armed Forces & Soc 8:643-655 Summer '82

RECRUITING AND ENLISTMENT - ContinuedArmy--U.S. - Cont'd

Recruiting aids favor Army. Paul Smith. AF Times 43:9 Nov 8 '82

2 differ on AVF (All-Volunteer Force) quality. AF Times 42:9 Mar 15 '82

Coast Guard--U.S.

Coast Guard Aviation: Multimission men and machines. William P. Schlitz. illus AF Mag 65:66-68+ May '82

National Guard--Air Force--U.S.

Local control narrows critical skills gap. illus Natl Guard 36:26-29 Oct '82

National Guard--Armed Forces--U.S.

"Reserve forces are no longer forces in reserve." Interview. Edward J. Philbin. illus Natl Guard 36:20-23 Feb '82

Navy--U.S.

The effect of premilitary experiences on military success. Johnnie Daniel and Arthur Korotkin. tabs J Pol & Mil Sociol 9:255-261 Fall '81

Reserve Forces--Air Force--U.S.

How the Air Force capitalized on a faltering airline industry. MajGen Kenneth L. Peek, Jr. tab Def Mgt J 18:2-7 Second Quarter '82

Reserve Forces--Armed Forces--U.S.

Medical readiness of the Guard and Reserve is a total force shortage. illus Natl Guard 36:18-19+ Jun '82

Reserve Officers Training Corps--Armed Forces

Working together--getting things done. Capt Robert F. Henke. Educ J 24:33-36 AY '82/'83

RECYCLING

Pavement recycling technology. E.R. Brown. illus Mil Engr 74:156-159 Apr '82

Recycling . . . the economical alternative. Lt Richard A. McDonald. illus AF Engrg & Svcs Qtr 23:16-17 Summer '82

RED TAPE

Gunny, put up the flagpole. LtCol Theodore L. Gatchel. illus MarCor Gaz 66:38-43 Feb '82

REDSTONE ARSENAL

See also
Missile Command

REED, Thomas C.

(AFCEA) banquet address. Thomas C. Reed. illus Signal 36:25-29 Aug '82

REENLISTMENTAir Force--U.S.

Bonus program seen as effective. Leonard Famiglietti. AF Times 42:3 Jan 18 '82

Engineers, scientists--AF devises bonus plan up to \$12,000 for staying. Leonard Famiglietti. AF Times 42:3 May 3 '82

Less than full multiple SRBs to be paid April 1. Don Mace. AF Times 42:1+ Mar 15 '82

'A new ball game' (recruiting and retention). LtGen Andrew P. Iosue. TIG Brief 34:2 Jun 11 '82

'Personal-reason' extensions no longer option. AF Times 42:26 May 10 '82

Some skills lose reenlistment bonus. Bruce Callander. AF Times 42:1+ Jan 4 '82

10 skills lose SRB Jan 24; lower rates for 12. AF Times 42:1+ Jan 11 '82

Armed Forces--U.S.

DOD ponders targeted hike. Martha Lynn Craver. AF Times 42:3 Jun 28 '82

DOD to allow fractions of SRB multiples. AF Times 42:14 May 24 '82

Services: 86 pct. of 'FY '82 recruits are HS grads. Tom Philpott. tabs AF Times 43:40 Dec 27 '82

Study says veterans should be urged to re-up. AF Times 42:2 Jan 11 '82

Army--U.S.

New Army's power is its people. LtGen Maxwell R. Thurman. illus Army 32:94-96+ Oct '82

Reenlistment. illus Soldiers 37:46-50 Jan '82

Navy--U.S.

The captain's role in reenlistment. CAPT Robert C. Gillette, Ret. illus US Nav Inst Proc 108:69-72 Feb '82

The people part of the equation: The real problem is retention. Jean Ebbert. illus Sea Power 25:35+ Feb '82

REFUELING see In-Flight RefuelingREFUGEES

The problem of refugees in a strategic perspective. H. Eugene Douglas. Strat Rev 10: 11-20 Fall '82

REFUSE AND REFUSE DISPOSAL

See also
Recycling

Advanced concepts in wastewater treatment. Richard F. Srna and Alan B. Thum. illus tabs Mil Engr 74:292-297 Jul-Aug '82

REFUSE AND REFUSE DISPOSAL - Continued

Hazardous waste disposal--chemical fixation techniques. Norman R. Francingues, Jr and others. illus Mil Engr 74:184-187 Apr '82

Leachate: Identifying/controlling a hazardous waste. Ed D. Smith and Richard R. Shafer. tab Mil Engr 74:188-189 Apr '82

REGIONALISM

An East Asian security consortium for the year 2000. MajGen Marc A. Moore. illus map MarCor Gaz 66:41-45 Jul '82

REGULATIONS

FTC (Federal Trade Commission): Regulation of the professions. James C. Miller III. Govt Exec 14:31+ Nov-Dec '82

Industry criticizes proposed computer standard (DOD's proposed regulation 5000.5X.) Robert Johnston. Def Elect 14:22+ Sep '82

Transporting hazardous materials--nothing ever stays the same. Irene Monical. Translog 13:2-3 Apr '82

Weighing 5000.5X: Proposed computer standards create a storm of controversy. James E. Fawcette. tabs illus Def Elect 14:85-86+ Nov '82

Air Force

Air Force computer security program. TIG Brief 34:19 Nov 29 '82

The Air Force nuclear weapon surety program. TIG Brief 34:5 Aug 27 '82

Are you violating Air Force policy? TIG Brief 34:4 Dec 20 '82

Changes to manual (AFR 39-1): Family support identifier, 1 ladder for radio comm(unications analysts). AF Times 42:4 Apr 26 '82

Chaplain directives: Hidden surprises. TIG Brief 34:10 Aug 6 '82

Mishap factor reporting. TIG Brief 34:15-16 Mar 5 '82

New changes to AFR 127-4 (Investigating and Reporting U.S. Air Force Mishaps). TIG Brief 34:21 Feb 5 '82

New fraud, waste, and abuse regulation (AFR 123-2). LtGen Howard W. Leaf. TIG Brief 34:2 Apr 16 '82

New regulation (AFR 40-1613) on discrimination complaints. TIG Brief 33:10 Dec 18 '81; Correction. 34:9 Jan 22 '82

Publication of new antiterrorism regulation (AFR 208-1). TIG Brief 34:3 Nov 15 '82

Selling excess properties to reduce the national debt. MajGen Clifton D. Wright, Jr. TIG Brief 34:2 Oct 25 '82

REGULATIONS - ContinuedAir Force - Cont'd

Sexual harassment (change 82-1 to AFR 40-735).
TIG Brief 34:14 Apr 30 '82

Special Experience Identifiers (SEIs) for
airspace managers. TIG Brief 34:15
Apr 30 '82

A word about HATR (Hazardous Air Traffic
Control) reporting. TIG Brief 34:21
Apr 30 '82

Armed Forces

CMA: You can't break a rule until it's on
file. Tom Philpott. AF Times 43:10
Dec 13 '82

Reg would require surgeon standards. AF Times
43:12 Oct 11 '82

Navy

Pirates and naval officers. LCDR John N.
Petrie. Nav War Col Rev 35:15-24 May-Jun
'82

REHABILITATION

See also subdivision under specific sub-
jects, e.g.,
Airmen--Rehabilitation
Drug Addicts--Rehabilitation

Deterrents to voluntary referral to the
Army's Alcohol and Drug Abuse Prevention
and Control Program (ADAPCP). John P.Allen
and Michael G.Sheahan. tabs J Pol & Mil
Sociol 10:29-39 Spring '82

RELIABILITY

See also subdivision under specific sub-
jects, e.g.,
Airplanes, Military--Reliability
Electronic Equipment--Reliability
Missiles--Reliability
Navigation Systems--Reliability

Augustine's laws and major system develop-
ment programs. Norman R.Augustine. illus
tabs Concepts 5:64-90 Winter '82

RELIABILITY, HUMAN see Human ReliabilityRELIGION AND RELIGIONS

Co-operation and complementarity for defence
of the Muslim world. Gen Bahy El-Din
Mohamed Nofal. Islamic Def Rev 7, No.1:
13-23 '82

Exodus or entrenchment: The Catholic dilemma
of duty. LCDR John N.Petrie. Nav War Col
Rev 35:69-76 Jul-Aug '82

Renaissance of sciences in Arab and Islamic
lands. Abdul Salam. Islamic Def Rev 7,
No.1:2-8 '82

The right of individual self-defence and
Muslim states. Ahmed Abdul Majid. Islamic
Def Rev 7, No.2:29-32 '82

RELIGION AND RELIGIONS - Continued

Science, Islam and peace. M.A.Kazi. Islamic
Def Rev 7, No.3:2-6 '82

Soviet Moslems: A Russian challenge. Maj
Robert D.Anderson. map Jt Persp 3:26-35
Winter '82

The value of man in the Islamic military
thought. MajGen Muhammad Gamal El-Din
Mahfouz. Islamic Def Rev 7, No.1:9-12
'82

RELIGION IN THE ARMED FORCES

A chaplain speaks to commanding officers.
CDR James M.Doyle. illus US Nav Inst Proc
108:58-61 Feb '82

DOD cautious in appraisal of bishops' nuclear
policy. Allen E.Carrier. AF Times 43:4
Nov 15 '82

REMOTE-ISOLATED DUTY PAY

DOD: Reprogram \$\$ for benefits. Tom Philpott.
AF Times 42:1+ Jun 28 '82

Paid travel possible for 'isolated' o'seas.
Tom Philpott. AF Times 42:1+ May 3 '82

Special pay only for 'hard' areas. Leonard
Famiglietti. AF Times 42:1+ Jun 14 '82

REMOTELY PILOTED VEHICLESSee also

Drones
Unmanned Vehicle Systems

The Aquila: A versatile, cost-effective
military tool shows its potential.
Terrence D.Gossett and Fred A.Velligan.
illus Mil Elect/Countermeasures 8:74-78
Dec '82

The "Flying Peanut"--revolutionary design
promises high performance. Andrew S.Clark.
illus Mil Elect/Countermeasures 8:80+
Dec '82

The Israeli IAI Scout drone. Ezio Bonsignore.
illus NATO's Fifteen Nations Special Issue
No.1:97+ '82

RPV/UVS systems may be the key to surviving
military conflict with Moscow. Edward
Teller. illus Mil Elect/Countermeasures
8:72-73 Dec '82

RPV airframe trends. D.J.Mourey. illus Natl
Def 67:22-25 Sep '82

RPV--stepchild of unmanned vehicles. Hamlin
A.Caldwell, Jr and Floyd D.Kennedy, Jr.
illus Natl Def 67:16-20+ Sep '82

Remotely piloted vehicles: Weapons of the
future. Konrad Alder. illus Armada Intl
6:14-15+ Sep-Oct '82

Sea-based remotely piloted vehicles: Issues
and concepts. Charles Henderson. illus
Mil/Elect Countermeasures pt 1, 8:61-64
Apr '82; pt 2, 8:45-47 May '82

REMOTELY PILOTED VEHICLES - ContinuedHistory

Where have all the RPVs gone? Benjamin F. Schemmer. illus Armed Forces J Intl 119: 38-40+ Feb '82

REPAIR see Maintenance and Repair

REPLACEMENTS, MILITARY

Unit comes first in new manning system. Col B.I. Legge and LtCol Michael A. Andrews. illus Army 32:198-201+ Oct '82

REPORT WRITING

Aerospace Vehicle and equipment Inventory, Status, and Utilization Reporting System (AVISURS). TIG Brief 34:6 Feb 5 '82

Commanders: The FOD (Foreign Object Damage) prevention program needs your MDRs (Material Deficiency Report). TIG Brief 34:20 Nov 15 '82

The common errors. Argus Tresidder. MarCor Gaz 66:55-60 Sep '82

The dull sword: A black mark? TIG Brief 34:17 Aug 6 '82

The hospital incident report: Asset or liability? Capt Robert N. Spencer. AF Law Rev 22:148-167 '80/'81

The importance of D024 engine status reporting. TIG Brief 34:10 May 28 '82

Management review of wartime capability reports. TIG Brief 34:7 Oct 11 '82

Mishap board investigation formal reports: Tips on Tab T. TIG Brief 34:17 Sep 27 '82

Mishap factor reporting. TIG Brief 34:15-16 Mar 5 '82

Nuclear safety deficiency (Dull Sword) reporting. TIG Brief 34:21-22 May 28 '82

Professional preparation of workpapers. Ed Kofoed. tabs Armed Forces Compt 27:24-26 Spring '82

Quality assurance in documentation of nursing care. TIG Brief 34:16 Aug 27 '82

This is what could happen if you . . . switch write-ups. 1stLt Ted H. Minkinow. illus MAC Flyer 29:10-12 Nov '82

Waiver of formal mishap report requirements. TIG Brief 34:19 Jun 25 '82

A word about HATR (Hazardous Air Traffic Control) reporting. TIG Brief 34:21 Apr 30 '82

REPORTERS AND REPORTING

Patton and the press. Martin Blumenson. por illus Army 32:66-72 May '82

REPUBLIC OF SOUTH AFRICA see South Africa (Republic)

RESCUE WORKSee also

Helicopters in Rescue Work
Search and Rescue

. . . the aircraft has crashed and is burning. SMSgt Donald W. Warner. illus Flying Safety 38:4-8 Feb '82

Midnight race at Montezuma Peak (daring helicopter rescue). SSgt Lorenzo D. Harris. illus Airman 26:10-15 Mar '82

A milestone in lives. SSgt Jim Katzaman. illus Airman 26:40-44 Feb '82

Operation Jonathan: The rescue at Entebbe. LtCol Jonathan (Yoni) Netanyahu. Interview. maps Mil Rev 62:2-23 Jul '82

RESEARCH see specific kinds of Research, e.g.,

Antarctic Research
Arctic Research
Biological Research
Electronic Research
Energy Research
Marketing Research
Medical Research
Physiological Research
Psychological Research
Research and Development
Scientific Research
Social Science Research
Space Research

RESEARCH AND DEVELOPMENT

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

Research and technology. Regular feature in issues of International Defense Review

Commercial Applications

Now for the rail gun. Pac Def Rep 8:11 Feb '82

Air Force--NATO

Trial mace--NATO cooperation. LtCol William D. Fritz, Jr. illus J of Elect Def 5:56-59+ May '82

Air Force--U.S.

AFTI (Advanced Fighter Technology Integration)/F-16: Flying testbed for future avionics. illus Def Elect 14:88-91 Aug '82

Air Force speeding development cycle (accelerating the introduction of new technologies to military systems). James Fawcette. Interview. illus por Def Elect 14:65+ Sep '82

Airpower Research Institute. AU Rev 33:101 Jan-Feb '82

Budget cuts miss most electronics programs. Richard Hartman. illus tabs Def Elect 14: 125-126+ Oct '82

RESEARCH AND DEVELOPMENT - ContinuedAir Force--U.S. - Cont'd

Electro optics in EW--USAF EO/IR technology advances. illus J of Elect Def 5:42-45 Jan '82

A guide to USAF's R&D facilities. AF Mag 65: 198-201 May '82

'It's a good budget' (FY '83 Air Force RDT&E budget). Interview. LtGen Kelly H.Burke. por tabs AF Mag 65:52-55 Apr '82

New avionics, mil standards increase aircraft capabilities. illus Def Elect 14:34+ Sep '82

On discovery's threshold. SSgt Craig Pugh. illus Airman 26:28-35 Jan '82

On the razor's edge of technology. Capts Anthony J.Kwan and J.D.Wilson. illus AF Engrg & Svcs Qtr 23:28-32 Spring '82

Space-age adhesives. R.Richard Avent and others. illus Mil Engr 74:20-22 Jan-Feb '82

Testing TAC's hardware. Fred Leo. illus TAC Attack 22:4-7 Jan '82

Toward adequate airpower for tomorrow (Policy paper, adopted at AFA's Annual National Convention, Sep 14, 1982). AF Mag 65:44-53 Nov '82

U.S. Air Force R&D: Meeting the challenge. illus Mil Tech 6:79-80+ Oct '82

Armed Forces--N A T O

The politics of defence expenditure. William J.Perry and Walter B.LaBerge. illus NATO's Fifteen Nations 26:22-26 Dec '81-Jan '82

Armed Forces--U.S.

Defense Science Board reports on the technology base. John J.McIntyre. Def Sci 2000+ 1:42+ May-Jun '82

Directions in research and development for logistics. George A.Mohr. AF J Log 6:37-39 Summer '82

R&D roundup. Regular feature in issues of Defense Electronics

Army--Great Britain

British military engineering. Philip S.Bulson. illus Mil Engr 74:198-200 May-Jun '82

Army--U.S.

The adiabatic engine revolution. Col Herbert H.Dobbs and Walter Bryzik. illus Armor 91: 16-21 Jan-Feb '82

Aircraft survivability equipment--from the lab to the field. George B.Hendon III. illus J of Elect Def 5:46-53 Apr '82

RESEARCH AND DEVELOPMENT - ContinuedArmy--U.S. - Cont'd

Airland battle 2000 takes the offensive using high technology. David M.Russell. illus Def Elect 14:60+ Jun '82

Army aviation systems program review '82. MajGen Carl H.McNair, Jr and Capt Josef Reinsprecht. illus por USA Avn Dig pt 1, 28:38-44 Jun '82; pt 2, Concepts, doctrine and tactics panel. 28:8-13 Jul '82; pt 3, Organization and force structure panel. 28:36-39 Sep '82; pt 4, The training panel. 28:2-8 Oct '82; pt 5, The materiel panel. 28:9-13 Oct '82

Budget cuts miss most electronics programs. Richard Hartman. illus tabs Def Elect 14: 125-126+ Oct '82

Computer-aided engineering and architectural design. Janet Spoonamore and others. illus tabs Mil Engr 74:140-147 Apr '82

Electro optics--a major contribution to key advances in the Army. Marvin E.Lasser. J of Elect Def 5:31-32 Jan '82

New developments. Regular feature in issues of National Defense

New tax benefits for R&D. Robert Feinschreiber. tabs Mil Engr 74:206-208 May-Jun '82

'70s R&D efforts are bearing fruit. LtGen James H.Merryman. illus Army 32:106-109 Oct '82

R&D in the Corps of Engineers: Supporting the Army and the nation. J.Choromokos, Jr and Col M.I.Kovel. illus Mil Engr 74:194-196 May-Jun '82

Weapons versus armor: A new approach. Clifford D. Bradley. illus tab Armor 91:22-25 Jul-Aug '82; Armada Intl 6:58+ Sep-Oct '82

"What we are doing in Army research--and why." J.R.Sculley. illus Mil Tech 6:25-26+ Oct '82

Defense Dept--U.S.

Basic research: From Lewis & Clark to laser physics. Jimmie R.Suttle. illus tabs Defense/82, pp 22-29, Jun '82

Budget cuts miss most electronics programs. Richard Hartman. illus tabs Def Elect 14: 125-126+ Oct '82

Evaluation of laboratories. Col G.Dana Brabson. illus Concepts 5:68-81 Spring '82

FY '82 budget EW/C³CM . . . and beyond. CAPT J.D.Meyer and John M.Porter. illus tab J of Elect Def 5:31-35 Apr '82

"I don't make policy. I just try to get the weapons." Interview. Richard D.DeLauer. illus Armed Forces J Intl 119:37-38+ Mar '82

RESEARCH AND DEVELOPMENT - ContinuedDefense Dept--U.S. - Cont'd

Logistics research and development. Lawrence J. Korb. Excerpt from speech, Logistic Research and Development Symposium, Arlington, VA, Mar 31, 1982. Log Spectrum 16: 35-37 Fall '82

"The name of the game is not technology or advancing science, it's to be better than the Soviets are." Interview. LtGen James W. Stansberry. illus por Armed Forces J Intl 119:24+ Feb '82

The National Bureau of Standards--research for defense construction. John T. Ichnier and others. illus Mil Engr 74:209-211 May-Jun '82

Should universities be in EW R&D? Donald J. Grace. illus tabs J of Elect Def 5:44-49 Dec '82

VHSIC: Midterm report on a dynamic circuit program. Robert M. Vanderheiden. illus tabs Def Elect 14:54+ Feb '82

Navy--U.S.

Budget cuts miss most electronics programs. Richard Hartman. illus tabs Def Elect 14: 125-126+ Oct '82

The Fleet connection (Navy R&D). Richard Boyle. illus US Nav Inst Proc 108:57-61 Sep '82

NAVELEX commander cites progress in C³, ELF, and JTIDS. Interview. RADM Henry D. Arnold. por chart Def Elect 14:51-52+ Apr '82

NAVELEX looks to future in serving the electronic needs of the fleet. illus Def Elect 14:59-62 Apr '82

Naval design on the knife's edge (small ship design which could revolutionize patrol efficiencies and effectiveness). David Harvey. illus Def & For Aff 10:20-22 May '82

Third World

Technology transfer and indigenous R&D for self-defence. M.M. Qurashi. tabs Islamic Def Rev 7, No.2:2-15 '82

United States

AEA (American Electronics Association) comes out against R&D set-asides. Lisa Lovell. illus Mil Elect/Countermeasures 8:36-37 May '82

America's engineering dilemma. Gen Thomas M. Ryan, Jr. illus Mil Engr 74:424-426 Nov-Dec '82

Cockpit automation and workload reduction--too much of a good thing? Chris Bulloch. tabs Interavia No.3:263-264 Mar '82

New tax benefits for military electronics R&D. Robert Feinschreiber. Mil Elect/Countermeasures 8:105-106 Feb '82

RESEARCH CENTERS

The Fleet connection (Navy R&D). Richard Boyle. illus US Nav Inst Proc 108:57-61 Sep '82

(Former CIA director William) Colby on think tanks. Interview. illus por Def & For Aff 10:11-12 Mar '82

Guide to NASA's research centers. map AF Mag 65:201 May '82

The Hoover Institution on war, revolution and peace. George Marotta. illus Mil Sci & Tech 2:30-31 '82

Outsiders' influence on defence policy. Brian Bond and Lawrence Freedman. RUSI J for Def Studies pt 1, 127:10-18 Mar '82; pt 2, 127:3-11 Jun '82

Putting brain behind muscle (defense and strategic think tanks). Jacquelyn S. Porth. Def & For Aff 10:8-10+ Mar '82

Should universities be in EW R&D? Donald J. Grace. illus tabs J of Elect Def 5:44-49 Dec '82

RESERVATIONS, AIRPLANE see Airlines--Passenger ServiceRESERVE FORCESAir Force--U.S.

Air Force Reserve. por illus tab AF Mag 65: 145-148 May '82

Air Reserve forces need allied fields. illus Officer 58:11-13 Jul '82

An airlifting experience. Air Reservist 34: 8-9 Sep-Oct '82

Circadian rhythm. Mike Vouri. illus Air Reservist 34:6-7 Mar '82

Columbia: Saga of a spaceship. SMSgt Gerald H. Smith. illus Air Reservist 34:12-15 Dec '81/Jan '82

Decade of 1980s to see new Reserve. (Address, Air Section's planning conference, Indianapolis) Ernest E. Garcia. illus Officer 58:17-19 Jan '82

Difficulty ahead for meeting requirement--scientific illiteracy serious problem. James W. Lucas. Excerpted from speech, ROA National Convention, San Juan, PR, Jun 1982. illus Officer 58:21-23 Aug '82

Four plus one for CIOR (Interallied Confederation of Reserve Officers) '82. Ann Wood. illus Air Reservist 34:18-19 Sep-Oct '82

Host-tenant support for Air Reserve forces occupational health programs. TIG Brief 34:15 Jul 23 '82

Inservice education and training for the medical Reservist. TIG Brief 34:7 Jan 22 '82

RESERVE FORCES - ContinuedAir Force--U.S. - Cont'd

Medical services remember lessons. LtGen Paul W. Myers, Ret. Presentation before the Health Services Advisory Committee. illus por Officer 58:30-33 Nov '82

Mobilization for a European war: The impact of habeas corpus. Maj Jon P. Bruinooge. AF Law Rev 22, No. 3:205-281 '81/'82

No corn on comm COB (Collocated Operating Base). SMSgt Gerald H. Smith. illus Air Reservist 34:12-13 Sep-Oct '82

Pararescuers put lives on line--Reservists have role in life-saving mission. TSgt Bob Miskowicz. illus Officer 58:12-13 Dec '82

Pickup & delivery (Condor CRTE '82, exercise dedicated solely to combat rescue training). MSgt Ed Martins. illus Air Reservist 34:16-19 Jul-Aug '82

Redoubt recall. (Air Reserve Personnel Center practices the recall of Reservists) LtCol Garry Mitchelmore. illus Airman 26:40-41 Apr '82

SAC gaining second USAFR associate unit. illus Officer 58:14-15 Sep '82

STO (Statutory Tour Officers) . . . a link with command. Joe T. Swain. Air Reservist 34:18-19 Dec '81/Jan '82

Satellite to the rescue (USAF Reserves utilize satellite communications in rescue work). illus Airman 26:46-47 Oct '82

Spirit to excel. LtCol Al Day. illus Air Reservist 34:4-5+ Sep-Oct '82

The total force--Condor CRTE '82: Training for combat saves. William P. Schlitz. illus AF Mag 65:62-70 Oct '82

The total force--full partners on the first team. Edward J. Philbin. illus AF Mag 65: 36-42 Oct '82

The total force--is anyone working to gain employer support? Capt Michael B. Perini. illus AF Mag 65:58-61 Oct '82

The total force--Reserve Forces: Bottom line on top performers. Capt Michael B. Perini. illus tabs AF Mag 65:54-55 Oct '82

The total force--the three M's of Air Force Reserve. MajGen Richard Bodycombe. illus por AF Mag 65:46-47 Oct '82

USAF support of Air Reserve Forces (ARF). TIG Brief 34:15 Jul 9 '82

What saving is all about (Reservists hold Rescue and Recovery exercise in Michigan). SSgt Jim Katzaman. illus Airman 26:42-48 Oct '82

Statistics

The total force--Reserve Forces: Bottom line on top performers. Capt Michael B. Perini. illus tabs AF Mag 65:54-55 Oct '82

RESERVE FORCES - ContinuedArmed Forces--U.S.

Combat commanders must have best. (Excerpts from presentation, ROA Mid-Winter Meeting, Washington) LtGen Robert C. Kingston. illus Officer 58:14-16 May '82

DOD eyes end to Reservists' VHA. Tom Philpott. AF Times 43:3 Nov 22 '82

Decade of 1980s to see new Reserve. (Address, Air Section's planning conference, Indianapolis) Ernest E. Garcia. illus Officer 58:17-19 Jan '82

MTMC Reserve units: Strength through readiness. Col Jerry G. Endema. Translog 13:2 Nov '82

Medical readiness of the Guard and Reserve is a total force shortage. illus Natl Guard 36:18-19+ Jun '82

More than a 'come as you are' war. (Providing the Reserve forces with equipment that is identical to that furnished the active forces) CAPT Paul E. Smith. illus Natl Guard 36:28-30 Feb '82

New Rx for Reserve in medical schools. illus Officer 58:24-25 Sep '82

Personnel: Greatest problem facing the military. Rep G.V. Montgomery. Def Sci 2000+ 1:64-67 May-Jun '82

Plans forming to aid Reserve med readiness. Paul Smith. AF Times 43:7 Dec 20 '82

The ready Reserves: An essential defense ingredient. Lawrence J. Korb. tabs Interservice 2:12-16+ Winter '82

"Reserve forces are no longer forces in reserve." Interview. Edward J. Philbin. illus Natl Guard 36:20-23 Feb '82

Retaining citizen soldiers. Lowndes F. Stephens. tabs Armed Forces & Soc 8:471-486 Spring '82

Roger W. Jepsen: Guard, Reserve forces represent best buy to expand conventional structure. Lt W. Bruce Spiher. illus por Officer 58:26-28 Dec '82

The SecDef's unique advisory board: Ombudsman for the Guard & Reserve. Louis J. Conti. illus tab Defense/82, pp 18-24, Dec '82

Tax guide for Reservists. Capt R. Michael Lantz, Jr. Officer 58:26+ Feb '82

Time off for training: A guide to job rights. Capt Art House and SSgt Jean Albright. Air Reservist 34:8-9 Feb '82

We must have broader idea of requirements. Edward J. Philbin. illus Officer 58:20-22 May '82

Will, determination to make us strong again. (Excerpts from address, Reserve Officers Assoc, Mid-Winter Conference, Washington, 1982) George P. A. Forschler. illus Officer 58:16-18 Apr '82

RESERVE FORCES - ContinuedArmed Forces--U.S. - Cont'dStatistics

Facts and figures about the Department of Defense. tabs charts illus Defense/82: entire issue Sep '82

Army--Great Britain

The Reserve Army and leadership. MajGen H.G. Woods. RUSI J for Def Studies 126:54-57 Dec '81

Army--U.S.

Active to Reserve. SP5 Terri Wiram. illus tabs Soldiers 37:49-53 Feb '82

The Armor force's manpower bank. Capt Lee F. Kichen. illus Armor 91:44-45 Jul-Aug '82

(Army) Reserve: A review and look ahead. MajGen William R. Berkman. illus por Officer 58:22-24 Apr '82

Army Reserve aviation today. MajGen William R. Berkman. illus por USA Avn Dig 27:2-5 Dec '81

The Army's Reserves, but in name only. MajGen William R. Berkman. illus Army 32:152-155+ Oct '82

CIMIC (Civil-Military Cooperation): A force multiplier for the combat commander. Col James R. Compton. illus Mil Rev 62:12-19 Feb '82

Can Reserve support units be ready in time? Col Irving Heymont, Ret. illus Army 32: 31-33+ Sep '82

The case against a peacetime draft. Mike Kelly. Strat Rev 10:64-75 Fall '82

Close up of an MTMC designated Reserve unit. Maj Charles E. Gilreath, Ret. illus Translog 13:1-2 Apr '82

Dual membership program triples in size. illus Officer 58:16-17 Aug '82

FORSCOM's role in USAR aviation. Maj Ronald R. Tamaccio. illus USA Avn Dig 27:6-8 Dec '81

Fulltime inspectors general assigned to Reserve Components. Natl Guard 36:10-11+ May '82

Guardsmen and their employers. Capt Arthur E. House. illus Natl Guard 36:12-15 May '82

How ready Reservists can make points good. illus Officer 58:17-18 Feb '82

1981 productive year; challenges remain. illus Officer 58:19-21 Mar '82

On track with rail Reservists. Capt Don Zimmer. illus Translog 13:8-9 Jan '82

RESERVE FORCES - ContinuedArmy--U.S. - Cont'd

The RDJTF nine thousand. Maj Dick Crossland. illus Officer 58:20-22 Jan '82

Reserve components maintenance structure. Maj James M. Dickson, Jr. Army Log 14:34-35 Jan-Feb '82

Reservists turn Reforger's wheels. illus Translog 13:10-11 Oct '82

Seven goals provide guiding light. LtGen Julius W. Becton, Jr. illus Officer 58:12-14 Oct '82

USAR aviation in the Sixth U.S. Army. LtCol Terence M. Henry. USA Avn Dig 27:9-10 Dec '81

U.S. Army Reserve. Translog 13: inside front cover Nov '82

Where are the experienced Army aviators? Rush Wicker. illus USA Avn Dig 27:11-12 Dec '81

Directories

Major Army Reserve commands. Army 32:227-229 Oct '82

History

John McAuley Palmer and the Reserve components. Jonathan M. House. Parameters 12: 11-18 Sep '82

Navy--U.S.

Missiles to give Iowa new muscles. illus Officer 58:12-13 Nov '82

Navy on wartime footing every day. CAPT Roy B. Moody, Jr, Ret. illus Officer 58:19-21 Apr '82

New CNO (Chief of Naval Operations) sees strengthened role. Interview. illus por Officer 58:17-20 Jul '82

Secretary (John F.) Lehman outspoken advocate. Interview. illus por Officer 58:19-22 Feb '82

Whole Navy must be ready to fight a war. Excerpts from remarks, Naval Reserve change of command ceremony, Oct 21, 1982. illus por Officer 58:14-16 Dec '82

United States

New System affects Reserve forces. Col Gene P. Abel. illus Officer 58:16-17 Nov '82

RESERVE FORCES POLICY BOARD

The SecDef's unique advisory board: Ombudsman for the Guard & Reserve. Louis J. Conti. illus tab Defense/82, pp 18-24, Dec '82

RESERVE OFFICERS ASSOCIATION OF THE U.S.

Navy on wartime footing every day. CAPT Roy B. Moody, Jr, Ret. illus Officer 58:19-21 Apr '82

Puerto Rico lives up to advance billing (ROA National Convention, San Juan, PR, Jun 1982). illus Officer 58:24-29 Aug '82

Space war, terrorism topics before (ROA's National) Council. illus Officer 58:25-29 Apr '82

Will, determination to make us strong again. (Excerpts from address, Reserve Officers Assoc, Mid-Winter Conference, Washington, 1982) George P.A. Forschler. illus Officer 58:16-18 Apr '82

Directories

ROA directory, 1982-1983. illus Officer 58: 21-28 Oct '82

RESERVE OFFICERS TRAINING CORPSAir Force

Air Force junior instructor: The best of two worlds. SMSgt Rodney A. Franklin. Sergeants 21:18-19 Oct '82

The form (checklist for completing the AFROTC Form 48). Capt Park Owens. illus Educ J 24:37-40 AY '82/'83

Officership training: A quest for excellence. Capt Peter U. Sutton. illus Educ J 24:13-19 AY '82/'83

Search for new leaders begins with Reservists. illus Officer 58:16-18 Mar '82

They talk Air Force (liaison officers for the Air Force Academy and ROTC). SSgt Lorenzo D. Harris. illus Airman 26:10-14 Jun '82

Armed Forces

DOD: ROTC dropouts owe money or service. AF Times 42:3 Mar 22 '82

Army

Dual membership program triples in size. illus Officer 58:16-17 Aug '82

RESERVES see Reserve Forces

RESOURCE MANAGEMENT

Challenges to financial management in the next decade. BrigGen D. Lynn Rans. tabs Armed Forces Compt 27:4-8 Fall '82

The civil-military interface in industrial preparedness. John Nocita. illus Def Mgt J 18:26-33 First Quarter '82

Cost-effectiveness: Some thoughts on its meaning for the Royal Air Force. GpCapt D.G. Campbell. Hawk, pp 56-63, Feb '82

RESOURCE MANAGEMENT - Continued

Focusing on fraud and waste. Deputy SecDef Frank C. Carlucci. por Armed Forces Compt 27:4-7 Winter '82

GAO to Services: Use resources better. AF Times 42:8 May 10 '82

Getting a handle on cost. Maj Edward L. Parkinson. illus AF Engrg & Svcs Qtr 23:20-24 Summer '82

Habitual association: Redefining the concept of air defense artillery. Capt Al Landry. Air Def Mag, pp 8-10, Jul-Sep '82

Jet fuel identaplates. TIG Brief 34:13 Oct 25 '82

Loss prevention working group. TIG Brief 34:14 May 28 '82

Managing funds for modernization. LtGen Ernest D. Peixotto. tab illus Army 32: 120-123+ Oct '82

Precious metals: Losses we cannot afford. LtCol Larry J. Goar. tabs AF J Log 6:8-13+ Fall '82

Readiness and productivity: Friends or foes. Col Jack P. Bujalski. AU Rev 33:47-51 Sep-Oct '82

Ready response to a surge: New contracting techniques. George T. Nickolas. Def Mgt J 18:34-39 First Quarter '82

Resources allocation--the F-100 engine experience. Maj Philip J. Williams. tabs AF J Log 6:15-19 Spring '82

Small unit Fraud, Waste, and Abuse (FWA) prevention programs. TIG Brief 34:15 Feb 5 '82

Strategic management--a concept whose time has come. RADM Rowland G. Freeman III, Ret. tab illus Log Spectrum 16:8-16 Fall '82

There is a general rule in the Pentagon that is noteworthy. The rule is "if it ain't in the POM it ain't in the budget." Interview. illus AF Engrg & Svcs Qtr 23:34-37 Summer '82

The time dependent resource model. Pauline P. Cason. tabs Armed Forces Compt 27:27-29+ Spring '82

RESPIRATION

Sex differences in cardiac responses to successive apnea periods. P. Sebert and others. tabs Aviation, Space & Envmt Med 53:485-488 May '82

RETENTION OF MILITARY PERSONNEL

Aviation warrant officer retention: A matter of action. Col George A. Morgan and CW4 Kenneth M. Johnson. USA Avn Dig 27:36-39 Dec '81

RETENTION OF MILITARY PERSONNEL - Continued

Bonus program seen as effective. Leonard Famiglietti. AF Times 42:3 Jan 18 '82

Fewer military pilots seeking airline jobs. John Ginovsky. AF Times 42:2 Jun 28 '82

GAO: Biodata inventories would cut washout rate. AF Times 42:7 Apr 12 '82

GAO to Services: Use resources better. AF Times 42:8 May 10 '82

Joint Chiefs: Hold off retirement pay cuts. Tom Philpott. AF Times 42:1+ Mar 22 '82

Joint study recommends linking pay hikes to ECI (Employment Cost Index). AF Times 42:7 Jun 14 '82

Korb wants a hold on new GI Bill plan. Martha Lynn Craver. AF Times 42:1+ Mar 22 '82

McCoy defends 8 percent raise. John Ginovsky. illus AF Times 42:3 Mar 15 '82

Making the volunteer force work. Asst SecDef Lawrence J.Korb. por tabs illus Defense/82, pp 2-11, Jan '82

'A new ball game' (recruiting and retention). LtGen Andrew P.Iosue. TIG Brief 34:2 Jun 11 '82

News for crews. Flying Safety 38:19 Jan '82.

Only the fittest should survive (Up or Out promotion and tenure system). LtCol Jack W.Cunningham. Jt Persp 2:26-37 Spring '82

The people part of the equation: The real problem is retention. Jean Ebbert. illus Sea Power 25:35+ Feb '82

Recruit dropout rate tied to experiences. AF Times 42:1+ Jan 25 '82

Retaining citizen soldiers. Lowndes F. Stephens. tabs Armed Forces & Soc 8:471-486 Spring '82

SecDef sees mass departures with pay freeze. Martha Lynn Craver. AF Times 42:3 Mar 15 '82

(Sen John G.) Tower--pay freeze 'like Russian roulette.' Martha Lynn Craver. por AF Times 42:1+ Mar 29 '82

Services: Ex-spouse pay split an 'erosion.' Allen Carrier. AF Times 42:1+ May 10 '82

Warrant officers: Use them or lose them. CWO J.B.Hart. illus US Nav Inst Proc 108:59-61 Apr '82

Where are the experienced Army aviators? Rush Wicker. illus USA Avn Dig 27:11-12 Dec '81

Where have all the sailors gone? ENS Ronald D.Fricker, Jr. illus tabs US Nav Inst Proc 108:70-73 Aug '82

RETIRED MILITARY PERSONNEL

The Armor force's manpower bank. Capt Lee F. Kichen. illus Armor 91:44-45 Jul-Aug '82

CG (Comptroller General) hits court on garnishment. Tom Philpott. AF Times 42:3 Mar 1 '82

Conflict of interest: Rules for retirees. Kathleen A.Buck. Defense/82, pp 12-15, Jan '82

Digest of regulations for Arlington National Cemetery. illus Officer 58:38+ Aug '82

Hill favoring retired pay cuts. Martha Lynn Craver. AF Times 42:4 Jan 18 '82

Medicare cuts could cost military retiree money. AF Times 42:14 Mar 1 '82

1.5 million retirees could face pay cap. Tom Philpott. AF Times 42:1+ Jan 4 '82

Permanent CPI-wage cap weighed. Tom Philpott. AF Times 42:1+ Jan 18 '82

The premium's paid (U.S. Soldiers' and Airmen's Home in Washington). Capt Katie Cutler. illus Airman 26:2-7 Mar '82

Reagan OKs 3-part cut in retired pay. AF Times 42:4 Jan 11 '82

Reagan will ask Hill to cap retired pay: Ties raises to active duty boost. Tom Philpott. AF Times 42:1+ Jan 25 '82

The retired scene. Regular feature in issues of Air Force Times

Retirement & VA benefits. illus Soldiers 37: 51-56 Jan '82

Retirement pay cap: 30% lifetime loss. Tom Philpott. illus AF Times 42:1+ Apr 5 '82

Retirement supplement. AF Times 42:24p sup opposite p 32 Feb 22 '82; 24p sup opposite p 32 Jul 12 '82; 24p sup opposite p 40 Nov 15 '82

RETIREMENTSee also

Discharges, Releases, and Separations

Air Force--U.S.

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

Heading off a hemorrhage of talent (Policy paper, adopted at AFA's Annual National Convention, Sep 14, 1982). illus AF Mag 65:53-58 Nov '82

Retirement: Second career job search. Karen E.Thuermer. Sergeants 21:20-23 Oct '82

Senior staff changes. Regular feature in issues of Air Force Magazine

RETIREMENT - ContinuedArmed Forces--U.S.

GAO: End lookback, save \$445M. Paul Smith.
AF Times 42:3 Jun 21 '82

(Gen John W.) Vessey: Changes may be due in
retirement. Tom Philpott. AF Times 43:16
Nov 29 '82

Legislation opens IRA to military. LtCol Ed-
win C. Schilling III. Officer 58:30-32 Mar
'82

Panel to explore 'retired' reform. Tom Phil-
pott. tab AF Times 43:1+ Nov 22 '82

Reagan OKs 3-part cut in retired pay. AF
Times 42:4 Jan 11 '82

Retirement changes draw Services' fire. Tom
Philpott. AF Times 42:1+ Feb 15 '82

Retirement supplement. AF Times 42:24p sup
opposite p 32 Feb 22 '82; 24p sup opposite
p 32 Jul 12 '82; 24p sup opposite p 40
Nov 15 '82

Star status: Army, Navy, Air Force, Marines.
Regular feature in issues of Armed Forces
Journal International

Survivor's choice. LCDR Richard E. O'Neal.
tabs US Nav Inst Proc 108:109-113 Jul '82

Army--U.S.

Retirement & VA benefits. illus Soldiers 37:
51-56 Jan '82

Reserve Forces--Army--U.S.

How ready Reservists can make points good.
illus Officer 58:17-18 Feb '82

United States

National commission seeks basis for action--
trustees cite need for new Social Security
financing measures. Officer 58:37-38 Jul
'82

RETIREMENT FROM BUSINESS, ETC

IRA (Individual Retirement Account) benefits
build toward retirement. Sergeants 21:30-32
Dec '82

Permanent CPI-wage cap weighed. Tom Philpott.
AF Times 42:1+ Jan 18 '82

RETIREMENT PAY

AF: Ex-spouse actions to begin Feb. 1.
AF Times 43:14 Nov 29 '82

Benefits gain in '81; '82 picture is cloudy.
Martha L. Craver. AF Times 42:4 Jan 4 '82

Budget: Dental plan, boost in travel \$\$\$. Tom
Philpott. tab AF Times 42:1+ Feb 22 '82

RETIREMENT PAY - Continued

Conferees agree: 4 percent retired cap.
Martha Lynn Craver. AF Times 42:1+ Jun 28
'82

Conferees agree on ex-spouse bill. Martha
Lynn Craver. AF Times 43:1+ Aug 23 '82

Congress votes bill to ease catch 62 bind.
Martha Lynn Craver. AF Times 43:1+
Sep 6 '82

DOD expected to back ex-spouse claim bill.
Laurie Parker. AF Times 42:1+ Feb 8 '82

DOD would support ex-spouse pay if . . . AF
Times 42:1+ Mar 22 '82

Defense softens support of ex-spouse pay
split. AF Times 42:10 Mar 15 '82

Ex-spouse bill may squeak by as 'rider.'
Martha Lynn Craver. illus AF Times 43:1+
Jul 26 '82

Ex-spouse bill: Open door for 'recomp?' Tom
Philpott. AF Times 43:1+ Aug 30 '82

Ex-spouse law slights SBP (Survivor Benefit
Plan). AF Times 43:1+ Nov 1 '82

Ex-spouse pay bill riles retirees. Tom Phil-
pott. AF Times 43:3 Sep 13 '82

Ex-spouse pay split okayed by House. Martha
Lynn Craver. AF Times 43:1+ Aug 9 '82

(Fifth Quadrennial Review of Military) Com-
pensation study set for January 1983. Tom
Philpott. AF Times 42:3 Jun 7 '82

Fight for ex-spouses not over: (Rep Patricia)
Schroeder. Martha Lynn Craver. AF Times
43:1+ Sep 20 '82

Fla. court: Retired pay can be split in ali-
mony. AF Times 42:6 Apr 19 '82

GAO: End lookback, save \$445M. Paul Smith.
AF Times 42:3 Jun 21 '82

Hill favoring retired pay cuts. Martha Lynn
Craver. AF Times 42:4 Jan 18 '82

House (Armed Services Committee and House
Budget Committee) Panels reject retiree
pay cap. AF Times 42:3 May 24 '82

Joint Chiefs: Hold off retirement pay cuts.
Tom Philpott. AF Times 42:1+ Mar 22 '82

(Lawrence J.) Korb: Cap likely, but 'compara-
bility' ahead. por AF Times 42:7 May 24 '82

Many retire before rounding-formula change.
AF Times 42:2 Feb 8 '82

A nest egg for the future (Individual Retire-
ment Account). Col George M. Hall. illus tab
Soldiers 37:50-52 Apr '82

New review will eye retired, special pays.
Tom Philpott. AF Times 43:1+ Sep 6 '82

RETIREMENT PAY - Continued

Nullification of McCarty: Opening Pandora's box? Randall Shoemaker. AF Times 43:32 Aug 2 '82

1.5 million retirees could face pay cap. Tom Philpott. AF Times 42:1+ Jan 4 '82

Panel debates but passes health care for ex-spouses. Martha Lynn Craver. AF Times 43:7 Aug 2 '82

Panel to explore 'retired' reform. Tom Philpott. tab AF Times 43:1+ Nov 22 '82

Per diem equity tops 'need' list. AF Times 42:3 Jan 4 '82

Permanent CPI-wage cap weighed. Tom Philpott. AF Times 42:1+ Jan 18 '82

Personnel chiefs to testify on bill to split retired pay. AF Times 42:3 Mar 29 '82

Plan would shift part of raises to bonuses. Tom Philpott. AF Times 42:1+ Mar 15 '82

(President's Private Sector) Survey Group: Put Actives on salary. Tom Philpott. AF Times 43:1+ Nov 8 '82

Raise deal: Only for scarce skills. Martha Lynn Craver. AF Times 42:1+ May 17 '82

Reagan OKs 3-part cut in retired pay. AF Times 42:4 Jan 11 '82

Reagan will ask Hill to cap retired pay: Ties raises to active duty boost. Tom Philpott. AF Times 42:1+ Jan 25 '82

(Rep Strom) Thurmond sponsors bill to eliminate 'Catch 62.' Martha Lynn Craver. AF Times 42:3 May 31 '82

Retired COL hike approved, but . . . Martha Lynn Craver. AF Times 43:1+ Aug 30 '82

The retired scene. Regular feature in issues of Air Force Times

Retirees owe \$3.1M under Dual Comp(ensation) Law. AF Times 42:1+ Jun 14 '82

Retirement changes draw Services' fire. Tom Philpott. AF Times 42:1+ Feb 15 '82

Retirement pay cap: 30% lifetime loss. Tom Philpott. illus AF Times 42:1+ Apr 5 '82

Services: Ex-spouse pay split an 'erosion.' Allen Carrier. AF Times 42:1+ May 10 '82

Services oppose ex-spouse \$ split. AF Times 42:4 Feb 15 '82

Social Security--the myths and the malady. William F. Keough. Sergeants 20:20-21 Feb '82

Spouse bill to split \$\$ moves. Martha Lynn Craver. AF Times 42:1+ Jul 12 '82

Widow awarded SBP; Service failed to notify. AF Times 42:7 May 10 '82

REVIEWS, MILITARY see Military Ceremonies, Honors and SalutesREVOLUTIONARY WAR--U.S.

Reflections on the American Revolution. H.R. Kaplan. Sergeants 20:22-23 Jul '82

REVOLUTIONS

The armed forces movement and the Portuguese revolution: Two steps forward, one step back. John L. Hammond. J Pol & Mil Sociol 10:71-101 Spring '82

Five types of revolutionaries. Mostafa Rejai and Kay Phillips. AU Rev 33:63-65 Sep-Oct '82

The indecisive Russian intelligentsia. Kenneth R. Whiting. AU Rev 33:107-111 Jan-Feb '82

Some perspectives on terrorism and the Soviet Union. Yonah Alexander. Intl Sec Rev 7: 35-45 Spring '82

U.S. options--and illusions--in Central America. David C. Jordan. illus Strat Rev 10:53-62 Spring '82

Unspiking Soviet terrorism. Arnaud de Borchgrave. Intl Sec Rev 7:3-16 Spring '82

RHODESIA

ZANLA's (Zimbabwe African National Liberation Army) war in Zimbabwe-Rhodesia: A lesson in strategy and tactics. Capt Paul Melshen. illus US Nav Inst Proc 108:118-119 Aug '82

RICKENBACKER, Edward V.

Eddie Rickenbacker: America's ace of aces. H.R. Kaplan. illus por Sergeants 21:28-30 Nov '82

RICKOVER, Hyman G.

(ADM Hyman G.) Rickover sparks audit. AF Times 42:13 Jun 14 '82

RIFLES

An advanced combat training system using laser simulation. John M. Keating and Rudolph R. Gammarino. illus Natl Def 66: 31-32+ May-Jun '82

The chartered industries Ultimex 100 squad automatic weapon. A.J.R. Cormack. illus Intl Def Rev 15, No.7:871-874 '82

Determining the battlesight zero for the M16 rifle. TIG Brief 34:5 Jan 22 '82

Firing the new M-16 variant. Thomas Glakas. Def & For Aff 10:22-23 Jan-Feb '82

Marksmanship training made modern. illus Natl Def 66:48-49 Mar '82

Renewed interest for rifle grenades. LtCol Pierre Crèvecoeur, Ret. illus Armada Intl 6:14+ Jan-Feb '82

RIFLES - Continued

Revolutionary new rifle. illus tab Pac Def Rep 9:50-51 Aug '82

Rifle zero. Capt Everett Mayfield. Infantry 72:18-19 May-Jun '82

SIG's 540-series assault rifles. Jacques Lenaerts. tab illus Intl Def Rev 15, No.7: 875-878 '82

The shotgun market. Def & For Aff 10:24+ Jan-Feb '82

Sniping: Making war the professional way. Sergio Coniglio. illus Mil Tech 6:45-46+ Aug '82

The Steyr AUG 77 light weapon system. Jacques Lenaerts. illus Intl Def Rev 15, No.10: 1421-1424 '82

Tomorrow's rifle. Capt Noyes B. Livingston III Infantry 72:13-15 Nov-Dec '82

Combat Evaluation

The Heckler & Koch G11 new technology for the rifleman. Edward C. Ezell. illus tabs Intl Def Rev 15, No.3:319-324 '82

History

Beginnings of the U.S. Ordnance Department: 1775-1832. M.L. Brown. illus Natl Def 67: 46-49+ Oct '82

RIOT CONTROL

The Arwen 37 anti-riot weapon. Mark Hewish. illus Intl Def Rev 15, No.10:1430 '82

Training

CD (Civil Disturbance) training. Lt Kenneth W. Arnold. Infantry 72:33-34 Nov-Dec '82

RISK

Risk management program. TIG Brief 34:13-14 Oct 11 '82

Today's risks in software development--can they be significantly reduced? MajGen Jerry Max Bunyard and James Mike Coward. tabs illus Signal 37:18+ Oct '82; Concepts 5: 73-94 Autumn '82

RIVER CROSSING, MILITARY

Crossing the Rhine. William Colon. map Infantry 72:30-33 Jul-Aug '82

Operation Badr: Crossing the Suez. Capt Ray G. Roth. maps illus Armor 91:23-25 May-Jun '82

Training in assault crossing. Col M. Loginov. illus Soviet Mil Rev No.9:18-20 Sep '82

RIVERS see Waterways

ROADS

PAVER: The pavement maintenance management system. M.Y. Shahin. illus tabs Mil Engr 74:151-155 Apr '82

Pavement recycling technology. E.R. Brown. illus Mil Engr 74:156-159 Apr '82

Reinforced earth: A solution to site engineering problems. John M. Carey. illus Mil Engr 74:190-193 May-Jun '82

Soviet war in Afghanistan: Three years later. G. Jacobs. illus map tabs Asian Def J No.12: 34-36+ Dec '82

ROBOTS

The robot revolution. William Bogie. illus Natl Def 66:56-60 May-Jun '82

Robotics under study. Def Mgt J 18:48 First Quarter '82

Robots support C³I: The iron hand in a white glove. Scott Y. Harmon. illus Signal 36: 69-70+ May-Jun '82

ROCKET BOOSTERS see Boosters

ROCKETSSee also

Missiles

Artillery multiple rocket systems: Efficient, cheap, reliable. illus Mil Tech 6:43-44+ Jul '82

Fuels

See Propellants

Launching

Manurhin's APILAS (anti-tank rocket)--a non-conformist weapon. B. Fritz. illus tab Intl Def Rev 15, No.5:607-610 '82

Soviet economy of massed fires. LtCol William B. Baxter, Ret. illus Army 32:61-63 Jun '82

France

A guided missile as a short-range anti-tank weapon? B. Fritz. tabs Intl Def Rev 15, No.7:912-913 '82

Soviet Union

Soviet economy of massed fires. LtCol William B. Baxter, Ret. illus Army 32:61-63 Jun '82

United States

Changes, 2.75 inch rocket system upgrade. Capt David R. Reger. USA Avn Dig 28:39-44 Aug '82

ROGERS, Bernard W.

ACE: Challenges for the fourth decade. Gen Bernard W. Rogers. illus por NATO's Fifteen Nations 27:22-24+ Feb-Mar '82

NATO--the status of C : ACE missions--C
needs. Gen Bernard W. Rogers. Signal 37:26
Dec '82

Air Force--Belgium

Belgium. LtGen Marcel De Smet. illus NATO's
Fifteen Nations Special Issue No.1:20-21
'82

Air Force--Great Britain

Airpower in Britain's future. AVM Michael
W.P.Knight. Strat Rev 10:29-35 Summer '82

Air Force--N A T O

The central region air battle. Gen Charles
A. Gabriel. illus por NATO's Fifteen
Nations Special Issue No.2:26-29+ '81

The changed picture: NAEW (NATO Airborne Early Warning). MajGen L.R.Palmerston. illus por NATO's Fifteen Nations Special Issue No.1:46+ '82

UK air defence--a NATO necessity. AVM P.R.
Harding. Hawk; pp 15-26, Feb '82; NATO's
Fifteen Nations Special Issue No.1:54-55+
'82

Air Force--U.S.

The manned bomber. Gen B.L.Davis. illus por
NATO's Fifteen Nations 27:38+ Feb-Mar '82

Of bears, weasels, ferrets and eagles. Col
Harold E. Johnson. illus AU Rev 33:86-93
Jan-Feb '82

U.S. aerospace force? Cong Ken Kramer. illus
Officer 58:14-16 Feb '82

Armed Forces--Belgium

Belgium (contributes to the Atlantic Alliance's strategy of deterrence and defence). Gen Willy Gontier. illus NATO's Fifteen Nations Special Issue No.2:46-47 '81

Armed Forces--Canada

Canada (committed to the defence of the NATO area). Gen Ramsey M. Withers. illus NATO's Fifteen Nations Special Issue No.2:48-50 '81

Armed Forces--Great Britain

United Kingdom (and the collective defence
arrangements of NATO). FAdm Terence Lewin.
illus NATO's Fifteen Nations Special Issue
No.2:66+ '81

Armed Forces--N A T O

Belgium (contributes to the Atlantic Alliance's strategy of deterrence and defence). Gen Willy Gontier. illus NATO's Fifteen Nations Special Issue No.2:46-47 '81

ROLES AND MISSIONS - Continued

Armed Forces--N A T O - Cont'd

Canada (committed to the defence of the NATO area). Gen Ramsey M. Withers. illus NATO's Fifteen Nations Special Issue No.2:48-50 '81

The Netherlands (gateway to Europe). Gen
C.De Jager. NATO's Fifteen Nations Special
Issue No.2:62+ '81

United Kingdom (and the collective defence
arrangements of NATO). FAdm Terence Lewin.
illus NATO's Fifteen Nations Special Issue
No. 2:66+ '81

Armed Forces--Netherlands

The Netherlands (gateway to Europe). Gen
C.De Jager. NATO's Fifteen Nations Special
Issue No.2:62+ '81

Armed Forces--U.S.

It's time to assign one of two missions to each of the U.S.' two large "armies."
BrigGen Philip L. Bolte, illus Armed Forces
J Intl 119:65+ Jan '82

The Reagan defense program: Can it hold up?
Herschel Kanter. illus tabs Strat Rev 10:
19-34 Spring '82

Army--Germany (West)

Indispensable partner (Federal Republic of Germany). LtGen Eberhard Burandt. illus
NATO's Fifteen Nations Special Issue
No.2:54+ '81

Army - N A T O

The defence of the Northern German plain.
Gen Michael Gow. illus NATO's Fifteen
Nations Special Issue No.2:34-36 '81

Indispensable partner (Federal Republic of Germany). LtGen Eberhard Burandt. illus NATO's Fifteen Nations Special Issue No.2:54+ '81

The short cut. (NATO's Central Army Group (CENTAG)) Gen Frederick J.Kroesen. illus map NATO's Fifteen Nations Special Issue No.2:40+ '81

Army--U. S.

Amphibious warfare: Where does the Army stand? LtCol Albert N. Garland, Ret. illus
Mil Rev 62:21-27 Sep '82

Army aviation systems program review '82.
MajGen Carl H. McNair, Jr and Capt Josef
Reinsprecht. illus por USA Avn Dig pt 1,
28:38-44 Jun '82; pt 2, Concepts, doctrine
and tactics panel. 28:8-13 Jul '82; pt 3,
Organization and force structure panel.
28:36-39 Sep '82; pt 4, The training panel.
28:2-8 Oct '82; pt 5, The materiel panel.
28:9-13 Oct '82

What do you want us to shoot? Maj John D.
Spengler. illus Fld Arty J 50:7-9 Mar-Apr
'82

ROLES AND MISSIONS - ContinuedCoast Guard--U.S.

Hip boots or blue water? An examination of the U.S. Coast Guard and its future. CAPT Robert G. Moore. illus US Nav Inst Proc 108: 182-197 May '82

Roles and missions study reaffirms USCG's defense responsibilities. L. Edgar Prina. illus Sea Power 25:16+ May '82

Marine Corps--U.S.

Marine armor and prepositioned forces. Capts William B. Drennan and Francis A. Schaller. illus Armor 91:26-31 Nov-Dec '82

Merchant Marine--Soviet Union

(Soviet Union) their merchant fleet. Capt Robert E. McKeown. illus US Nav Inst Proc 108:160-167 Oct '82

National Guard--Army

Constabulary or fire brigade? The Army National Guard. Roger A. Beaumont. tab Parameters 12:62-69 Mar '82

Navy--N A T O

Alliance security beyond NATO's boundaries. ADM James D. Watkins. illus por NATO's Fifteen Nations Special Issue No. 2:97-98+ '82

Assuring the security of reinforcements to Norway. RAdm Roy Breivik. illus NATO's Fifteen Nations Special Issue No. 2:66+ '82

The Belgian Navy and mine countermeasures in the channel. VAdm Andre Schlamm. illus NATO's Fifteen Nations Special Issue No. 2: 28-30 '82

Canadian maritime forces in the far north. VAdm J.A. Fulton. illus NATO's Fifteen Nations Special Issue No. 2:32-34 '82

The importance of the Hellenic Navy in Southern Europe operations. VAdm Nicos Pappas. illus NATO's Fifteen Nations Special Issue No. 2:48-50 '82

Maintaining naval security in the Mediterranean. VAdm Giuseppe Di Giovanni. illus NATO's Fifteen Nations Special Issue No. 2: 52+ '82

Naval control of the Danish Straits. RAdm N.F. Lange. illus map NATO's Fifteen Nations Special Issue No. 2:36+ '82

The Portuguese Navy and the Portuguese strategic triangle. Adm António de Sousa Leitão. illus NATO's Fifteen Nations Special Issue No. 2:72-74 '82

The role of the German Navy in the Northern Flank area. VAdm Ansgar Bethge. illus NATO's Fifteen Nations Special Issue No. 2: 42-44+ '82

ROLES AND MISSIONS - ContinuedNavy--N A T O - Cont'd

The role of the Spanish Navy in the Atlantic and the Mediterranean. Adm Saturnino Suanzes de la Hidalga. illus maps NATO's Fifteen Nations Special Issue No. 2:80-83 '82

The Royal Navy in the Eastern Atlantic. Adm Sir Henry Leach. illus NATO's Fifteen Nations Special Issue No. 2:91-92+ '82

The Royal Netherlands Navy on escort and ASW tasks. VAdm J.H.B. Hulshof. illus NATO's Fifteen Nations Special Issue No. 2:58+ '82

Navy--Soviet Union

(Soviet Navy) their missions and tactics. Norman Polmar and Norman Friedman. maps illus US Nav Inst Proc 108:34-44 Oct '82

(Soviet Union) their Baltic Sea Fleet. Capt Robert D. Wyman. illus map US Nav Inst Proc 108:156-159 Oct '82

Reserve Forces--Army--U.S.

RCPAC's (Reserve Components Personnel and Administration Center) mission: Pretrained personnel. BrigGen Charles F. Briggs. illus Officer 58:14-16 Jul '82

ROME AIR DEVELOPMENT CENTER

General (James W.) Stansberry. Interview. por illus J of Elect Def 5:49-58+ Jul '82

On discovery's threshold. SSgt Craig Pugh. illus Airman 26:28-35 Jan '82

The role of RADC in intelligence. Jerald M. Plante. illus Signal 36:62 Mar '82

ROMMEL, Erwin

Attack on a fortified area: Lessons from the past. Maj Jack Klimp. illus MarCor Gaz 66: 64-69 Jun '82

ROOSEVELT, Franklin D.

FDR at Warm Springs. BrigGen F.P. Henderson, Ret. illus MarCor Gaz 66:54-58 Jul '82

ROSENBLUM, Donald E.

Take a look at continuous annual training. LtGen Donald E. Rosenblum. illus Natl Guard 36:28-30 Nov '82

ROTATIONArmy--U.S.

Is unit replacement really the way to go? MajGen David W. Gray, Ret. illus Army 32:55-57 Jun '82

Unit comes first in new manning system. Col B.I. Legge and LtCol Michael A. Andrews. illus Army 32:198-201+ Oct '82

RULE OF THE ROAD AT SEA see Safety at SeaRUNWAYS

Airfield attack: Another approach. Capt Mark Baker. tabs illus USAF Ftr Wpns Rev, pp 23-27, Summer '82

C-5 off-runway tests. LtCol William Johnson. illus Airlift 4:5-7 Summer '82

Deja vu. (Surveys of landing conditions at unfamiliar airports) Regular feature in some issues of MAC Flyer

Effect of different runway sizes on pilot performance during simulated night landing approaches. Henry W. Mertens and Mark F. Lewis. tabs illus Aviation, Space & Envmt Med 53:463-471 May '82

On the ice--resupplying Antarctica. illus MAC Flyer 29:7-9 Sep '82

Recycling . . . the economical alternative. Lt Richard A. McDonald. illus AF Engrg & Svcs Qtr 23:16-17 Summer '82

Runway busting--current anti-runway weapons. Mark Hewish. illus Interavia 37:83-85 Jan '82

Maintenance and Repair

Can we survive and win? James R. Van Orman and Clarence E. Langford. illus tab AF Engrg & Svcs Qtr 23:14-18 Spring '82

The rapid runway repair program: Working to protect our vulnerable airbases. Deborah G. Meyer. illus Armed Forces J Intl 119:45 Jan '82

Spirit to excel. LtCol Al Day. illus Air Reservist 34:4-5+ Sep-Oct '82

Triple R (Rapid Runway Repair) in a chemical environment. Maj John A. Centrone. illus AF Engrg & Svcs Qtr 23:20-21 Spring '82

RUSS, Robert D.

Rationale for strategic bomber development. MajGen Robert D. Russ. illus AF Mag 65:56+ Apr '82

RUSSELL, John H.

Report on the (MajGen John H.) Russell conference (May 11-14, 1982, Quantico, VA). MarCor Gaz 66:47 Aug '82

RUSSIA see Soviet UnionRUSSIAN LANGUAGE AND LITERATURE

Learning their lingo. RADM Kemp Tolley, Ret. illus US Nav Inst Proc 108:70-72 Oct '82

RUSSO-JAPANESE WAR, 1904-1905

(Soviet Navy) their "voyage of the damned." Capt Peter G. Tsouras. illus map US Nav Inst Proc 108:74-81 Oct '82

RYAN, Thomas M., Jr

Air Training Command. illus chart por AF Mag 65:90-91 May '82

America's engineering dilemma. Gen Thomas M. Ryan, Jr. illus Mil Engr 74:424-426 Nov-Dec '82

The education factor. Gen Thomas M. Ryan, Jr. illus AF Mag 65:39-41 Feb '82

The winning combination--(morale/leadership equation). Gen Thomas M. Ryan, Jr. TIG Brief 34:2 May 14 '82

S A B M I S (Strategic Antiballistic Missile Intercept System) see Missile Defense

S A C see Strategic Air Command

S A C E U R see Allied Command Europe

S A C L A N T see Allied Command Atlantic

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S P A C E C O M see Space Command

S P A C O M see Space Command

S T A R T see Arms Control

S T O L see Airplanes, V/STOL

S T R A T C O M see Army Communications Command

SAFETY AT SEA

Coast Guard--standing watch on a mix of missions. ADM John B. Hayes. illus Defense/82, pp 32-36, Apr '82

SAFETY MEASURES see

Flying Safety
Ground Safety
Water Safety
also subdivision Safety Measures under specific subjects, e.g.,
Airplanes--Safety Measures
Airplanes, Military--Safety Measures
Chemical-Biological Warfare--Safety Measures
Missiles--Safety Measures
Nuclear Weapons--Safety Measures
Ordnance--Safety Measures
Propellants--Safety Measures
Space Vehicles--Safety Measures
Radiation--Safety Measures

SAFETY PROGRAMS

Airline pilot disability: Economic impact of an airline preventive medicine program. Robert Anderson and Charles C. Gullett. tabs Aviation, Space & Envt Med 53:398-402 Apr '82

Nuclear surety: A break in the action? TIG Brief 34:4 Jan 22 '82

Air Force

The AFOSH (Air Force Occupational Safety and Health) 'bill of rights.' TIG Brief 34:20 Aug 27 '82

SAFETY PROGRAMS - Continued

Air Force - Cont'd

The AWTH (Accident Waiting To Happen) factor. Capt James C. White. illus MAC Flyer 29:4-7 May '82

Distribution of 'have name' protection guide (CORKER). TIG Brief 34:17 Jan 8 '82

Lessons in system safety management. TIG Brief 34:21 Feb 19 '82

Motorcycle operators skill test. TIG Brief 34:19 Apr 16 '82

Officer opportunities in safety. TIG Brief 34:18 Mar 19 '82

Parking aircraft loaded with forward firing munitions. TIG Brief 34:19 May 14 '82

System safety engineering analysis. TIG Brief 34:21 Aug 27 '82

SAHARA

There's a new armored war (modified by the experiences in the Iran-Iraq War and the Saharan Conflict) being fought. Michael C. Dunn. Def & For Aff 10:6-7+ Jan-Feb '82

SALARIES see subdivision Salaries and Wages under specific subjects, e.g.,
Civilian Employees--U.S.--Salaries and Wages

SALUTES, MILITARY see Military Ceremonies, Honors and Salutes

SALVAGE

Precious metals recovery program for medical facilities. TIG Brief 34:16 Jul 23 '82

The treasure of the Awa Maru. David D. Lowman. illus map US Nav Inst Proc 108:45-48 Aug '82

SATELLITE STATES see Communist Bloc

SATELLITES, ARTIFICIAL

See also
Space Stations

Search And Rescue Satellite Aided Tracking (SARSAT). Lt M.M. Blume. illus map Signal 36:51-56 Jan '82

Communication Application

See also
Air Force Satellite Communications System
Defense Satellite Communications System
Fleet Satellite Communications System

C³--technological edge for the '80s. Edgar Ulsamer. AF Mag 65:54-58 Jul '82

Communications space systems. I. Mason-Smith. tabs illus NATO's Fifteen Nations 27:34-39 Apr-May '82

SATELLITES, ARTIFICIAL - ContinuedCommunication Applications - Cont'd

Communications vulnerability. Harry V. Martin. map illus tab Mil Sci & Tech 2:42-48 '82

HF communications in defense still providing the crucial links. Gowri S. Sundaram. illus Intl Def Rev 15, No.4:409-416 '82

Health care telecommunications. Robert S. Magnant. map Signal 36:31+ Jan '82

INMARSAT (INternational MARitime SATellite): Maritime communication takes on a new dimension. Chris Bulloch. illus map Interavia 37:383-385 Apr '82

Industry looks at military exceptionally high frequency bands. Frederick L. Hofmann. illus Mil Elect/Countermeasures 8:38+ Oct '82

Lincompex (linked compressor and expander)--a shot in the arm for HF radio. W.J. Waller. illus tab Signal 36:25-28 Jan '82

Satellite to the rescue (USAF Reserves utilize satellite communications in rescue work). illus Airman 26:46-47 Oct '82

Satellites and the sea. Walter B. Hendrickson, Jr. illus Natl Def 67:26-28+ Oct '82

Space launcher systems--who's out in front? Chris Bulloch. illus Interavia 37:1281-1283 Dec '82

Space: The new frontier for EW system development. John Haystead. illus J of Elect Def 5:65-66+ Oct '82

A technical overview of the Joint Tactical Communications System. Jeffrey Vignes and David Furniss. illus Signal 37:43-49 Nov '82

Thomson--CSF in microwave and space communication. Col Norman L. Dodd. illus Pac Def Rep 8:33-34 Mar '82

The U.S. Fleet Satellite Communications (FLTSATCOM) System: The Australian connection. Desmond Ball. illus map Pac Def Rep 8:30-33 Feb '82

Detection

See also
Space Detection and Tracking System

Silent runs the parade (NORAD's Space Defense Operations Center (SPADOC) keeps track of man-made space objects). MSgt David B. Drachlis. illus Airman 26:10-13 Aug '82

Medical Applications

Health care telecommunications. Robert S. Magnant. map Signal 36:31+ Jan '82

Meteorological Applications

The use of meteorological satellites in Southeast Asia operations. LtCol Henry W. Brandli, Ret. illus map Aerosp Hist 29: 172-175 Sep '82

SATELLITES, ARTIFICIAL - ContinuedMeteorological Applications - Cont'd

Weather and darkness in contemporary naval operations. CDR Linton Wells II. illus US Nav Inst Proc 108:150-167 May '82

Military Applications

Advance to the high ground (military space projects). MSgt Alan Prochoroff. illus Airman 26:26-32 Apr '82

The Air Force satellite systems. Capt Phil Lacombe. illus AF Mag 65:52-55+ Jun '82

Anti-satellite systems and U.S. options. Francis X. Kane. illus Strat Rev 10:56-64 Winter '82

Communications space systems. I. Mason-Smith. tabs illus NATO's Fifteen Nations 27:34-39 Apr-May '82

Evolution of teleprocessing. Charles K. Watt. tabs Concepts 5:125-140 Autumn '82

The military uses of space. Jean Petitfour. illus Asian Def J No.4:62 '82

NORAD adds radar, optics to increase space defense. David M. Russell. illus Def Elect 14:82-86 Jul '82

A new duel: Antisatellite combat in space. LCDR K.L. Eichelberger. Nav War Col Rev 35: 41-47 May-Jun '82

Some strategic implications of breakthroughs in C3I. George H. Quester. Signal 36:25-28+ Mar '82

The Soviet military space program. illus map tabs Intl Def Rev 15, No.2:149-152 '82

Space: The new frontier for EW system development. John Haystead. illus J of Elect Def 5:65-66+ Oct '82

Tactical electronic combat in space. Maj Kirk B. Reed, Ret. illus J of Elect Def 5:47-52 Nov '82

"Technology PUSH": Opportunities in space. ADM Thomas B. Hayward. Signal 36:19-20+ Mar '82

Navigation Applications

Electronic navigation aids. Chris Heath. Pac Def Rep 8:55-56+ Jun '82

Land navigation systems. K. Arbenz. illus Armada Intl 6:36+ Sep-Oct '82

Satellites and the sea. Walter B. Hendrickson, Jr. illus Natl Def 67:26-28+ Oct '82

Scientific Applications

See also
Satellites, Artificial--Meteorological Applications

SATELLITES, ARTIFICIAL - ContinuedScientific Applications - Cont'd

Observation in space--past, present and future. Jens Arnbak. tab illus NATO's Fifteen Nations 27:22-25+ Apr-May '82

Outer space for man--a Soviet vision. Georgy Petrov. illus NATO's Fifteen Nations 27:42-44 Apr-May '82

Tracking

See also
Space Detection and Tracking System

Soviet Union

A new duel: Antisatellite combat in space. LCDR K.L.Eichelberger. Nav War Col Rev 35:41-47 May-Jun '82

The Soviet military space program. illus map tabs Intl Def Rev 15, No.2:149-152 '82

United States

A new duel: Antisatellite combat in space. LCDR K.L.Eichelberger. Nav War Col Rev 35:41-47 May-Jun '82

Silence is golden--or is it? illus Mil Elect/Countermeasures 8:28-30 Oct '82

The U.S. Vela nuclear detection satellite system and the Australian connection. Desmond Ball. tabs Pac Def Rep 8:15-16+ Mar '82

SATELLITES, RECONNAISSANCE

For peace or for war? Competition in the control of outer space. Hubert Curien. illus NATO's Fifteen Nations 27:18-20 Apr-May '82

NORAD adds radar, optics to increase space defense. David M.Russell. illus Def Elect 14:82-86 Jul '82

The Soviet military space program. illus map tabs Intl Def Rev 15, No.2:149-152 '82

The U.S. Vela nuclear detection satellite system and the Australian connection. Desmond Ball. tabs Pac Def Rep 8:15-16+ Mar '82

SAUDI ARABIA

Arabian knights in blue. Maj Sam McCormick. illus Airman 26:2-5 Dec '82

The Saudi AWACS: Fact and fiction surrounding the military issues. Maj Michael A. Nelson. illus Jt Persp 3:38-47 Summer '82

Foreign Relations

Saudi Arabia's new King (Fahd). Michael C. Dunn. illus Def & For Aff 10:32 Jun '82

SAUDI ARABIA - ContinuedPolitics and Government

Saudi Arabia's new King (Fahd). Michael C. Dunn. illus Def & For Aff 10:32 Jun '82

SCANDINAVIAStrategic Importance

The ambiguous flanks: The strategic dangers in northern Europe. Richard Sale. illus Def & For Aff 10:24-26 Apr '82

SCHLESINGER, James R.

The handwriting on the wall may be a forgery. James R.Schlesinger. por Armed Forces J Intl 119:28+ Mar '82

SCHOLARSHIPS AND FELLOWSHIPS

Two O-3s begin White House fellowships. John Ginovsky. illus AF Times 43:14 Sep 13 '82

SCHOOL OF MILITARY SCIENCES, OFFICER see Officer Training SchoolSCHULZE, Richard C.

Different directions: Planning for tomorrow's Corps. MajGen R.C.Schulze, Ret. illus MarCor Gaz 66:30-37 Mar '82

Leadership, tactical proficiency, and military management. MajGen R.C.Schulze, Ret. and Col J.C.Scharfen, Ret. illus MarCor Gaz 66:36-41 Dec '82

SCIENCE

Science, Islam and peace. M.A.Kazi. Islamic Def Rev 7, No.3:2-6 '82

SCIENTIFIC RESEARCH

Cntr? On the strategic potential of ESP. Roger A.Beaumont. Signal 36:39-40+ Jan '82

Great Britain

Laser research with Helen and Vulcan. illus Asian Def J No.9:48-49 Sep '82

Middle East

Renaissance of sciences in Arab and Islamic lands. Abdul Salam. Islamic Def Rev 7, No.1:2-8 '82

United States

Consequences of social science research on the U.S. military. Morris Janowitz. Armed Forces & Soc 8:507-524 Summer '82

SCIENTISTS, AMERICAN

Engineers, scientists--AF devises bonus plan up to \$12,000 for staying. Leonard Famiglietti. AF Times 42:3 May 3 '82

SCIENTISTS, AMERICAN - Continued

Scientist shortage plagues Services. AF
Times 42:1+ Feb 1 '82

SEA-BASED MISSILE DEFENSE SYSTEM see Missile
DefenseSEA CADETS

Sea cadets. Regular feature in some issues
of Sea Power

SEA CONTROL

AF, Navy pact will boost sea defense.
Leonard Famiglietti. illus AF Times 43:4
Dec 13 '82

The Cape of Good Hope and the free world.
RAdm E.F.Gueritz. Asian Def J No.11:60-62
Nov '82

Coast Guard--standing watch on a mix of
missions. ADM John B.Hayes. illus Defense/
82, pp 32-36, Apr '82

Hot pursuit (ancient right of a coastal state
to chase any foreign ship which violates
its laws or regulations). WgComdr R.A.
Smith. RUSI J for Def Studies 127:46-50
Mar '82

The law of the sea. John Lehman. illus map
Defense/82, pp 2-9, Mar '82

Maintaining naval security in the Mediter-
ranean. VAdm Giuseppe Di Giovanni. illus
NATO's Fifteen Nations Special Issue No.2:
52+ '82

The marine environment and maritime security
in Southeast Asia: Controlling oil tanker
traffic in the Strait of Malacca. Daniel
P.Finn. Nav War Col Rev 34:49-59 Nov-Dec
'81

The naval race in the Persian Gulf. Raphael
Danziger. illus map US Nav Inst Proc 108:
92-98 Mar '82

The need to protect shipping outside NATO.
tab Asian Def J No.6:65-66+ Jun '82

(Soviet Navy) their surface forces. Andrew
W.Hull. illus US Nav Inst Proc 108:53-59
Oct '82

The Soviet Union and the Southern Sea Route.
LCDR James T.Westwood. map Nav War Col Rev
35:54-67 Jan-Feb '82

U.S.-Japan concern over sea lanes' defence.
illus map Asian Def J No.8:26-28 Aug '82

SEA POWEREurope, Eastern

East European navies. Milan Vego. illus map
US Nav Inst Proc 108:43-47 Mar '82

SEA POWER - ContinuedGreat Britain

The Royal Navy since World War II. John E.
Woods. illus US Nav Inst Proc 108:82-90
Mar '82

Stormy passage ahead--the future of the Royal
Navy. Derek Wood. illus tab Intl Def Rev
14, No.12:1693-1698 '81

N A T O

The influence of the northern flank upon the
master of the seas. Gen Anthony Farrar-
Hockley. maps Nav War Col Rev 35:4-14
May-Jun '82

The need to protect shipping outside NATO.
tab Asian Def J No.6:65-66+ Jun '82

Strategic choice and maritime capabilities.
Adm James Eberle. illus US Nav Inst Proc
108:64-72 Apr '82

Persian Gulf Region

The naval race in the Persian Gulf. Raphael
Danziger. illus map US Nav Inst Proc 108:
92-98 Mar '82

Soviet Union

Admiral (Sergey G.) Gorshkov and the Soviet
navy. illus map AU Rev 33:29-47 Jul-Aug
'82

A carrier for Admiral (Sergey G.) Gorshkov.
Dov S.Zakheim. Nav War Col Rev 35:32-39
Jan-Feb '82

Challenge at sea: Naval strategy for the
1980's. ADM Harry D.Train II. illus por
NATO's Fifteen Nations Special Issue No.2:
17-18+ '82

How Singapore sees the Vietnam threat. Lim
Joo-jock. illus Pac Def Rep 8:52-53+
Dec '81/Jan '82

Maintaining naval security in the Mediter-
ranean. VAdm Giuseppe Di Giovanni. illus
NATO's Fifteen Nations Special Issue No.2:
52+ '82

Naval control of the Turkish Straits. Adm
Nejat Tümer. map illus NATO's Fifteen
Nations Special Issue No.2:84+ '82

The need to protect shipping outside NATO.
tab Asian Def J No.6:65-66+ Jun '82

Of budgets and fleets. James D.Hessman. illus
tabs Sea Power 25:27-34 Feb '82

The Royal Netherlands Navy on escort and ASW
tasks. VAdm J.H.B.Hulshof. illus NATO's
Fifteen Nations Special Issue No.2:58+ '82

Soviet civil fleet--the challenge. CDR James
John Tritten. Natl Def 67:26-30 Dec '82

United States

FY '83: A banner year for naval aviation?
L.Edgar Prina. illus Sea Power 25:21-26
Feb '82

SEA POWER - ContinuedUnited States - Continued

The historical elements of Mahanian doctrine. Thomas R. Pollock. Nav War Col Rev 35:44-49 Jul-Aug '82

How Singapore sees the Vietnam threat. Lim Joo-jock. illus Pac Def Rep 8:52-53+ Dec '81/Jan '82

Key U.S. bases in the Philippines. Alvin J. Cottrell. illus Natl Def 67:31+ Dec '82

Navy--3-dimensional capability at sea. ADM Thomas B. Hayward. illus Defense/82, pp 10-17, Apr '82

Of budgets and fleets. James D. Hessman. illus tabs Sea Power 25:27-34 Feb '82

SEA WARFARE see Naval WarfareSEALIFT

Conference on national strategic mobility. Def Trans J 38:29-33 Jun '82

Reversing the tide: Strengthening our merchant marine. John F. Lehman. Def Mgt J 18:2-5 Third Quarter '82

Sealift. Deborah M. Kyle. illus Armed Forces J Intl 119:57-58 Jul '82

Sealift capability: A dwindling defense resource. Peter J. Luciano. Def Mgt J 18:11-15 Third Quarter '82

Sealift . . . the Achilles heel of American mobility. VADM Kent J. Carroll. tab illus Defense/82, pp 8-13, Aug '82

Strategic mobility: Shortfalls & solutions. LtGen Oren E. DeHaven. illus Defense/82, pp 10-15, Mar '82

SEAMANSHIP

Professional notes. Regular feature in issues of United States Naval Institute Proceedings

Study and Teaching

An Eagle at sea (Coast Guard Academy tall ship Eagle). Larry Baker. illus Def Trans J 38:34-37 Jun '82

SEAPLANESHistory

The consolidated model 31/XP4Y-1 "Corregidor" flying boat. Chuck Hansen. illus Am Avn Hist Soc J 27:136-147 Summer '82

Design and construction of the NC (Navy-Curtiss) flying boats. CDR G.C. Westervelt. illus Am Avn Hist Soc J 26:279-303 Winter '81

SEARCH AND RESCUESee also
Pararescue

Pickup & delivery (Condor CRTE '82, exercise dedicated solely to combat rescue training). MSgt Ed Martins. illus Air Reservist 34:16-19 Jul-Aug '82

Satellite to the rescue (USAF Reserves utilize satellite communications in rescue work). illus Airman 26:46-47 Oct '82

Search And Rescue Satellite Aided Tracking (SARSAT). Lt M.M. Blume. illus map Signal 36:51-56 Jan '82

Super SAR '82. Ken Maassen. illus Combat Crew 32:4-7 Dec '82

To save the pilot's life--Soviet air rescue service. LtCol Johnnie H. Hall. illus AU Rev 33:48-57 May-Jun '82

The total force--Condor CRTE '82: Training for combat saves. William P. Schlitz. illus AF Mag 65:62-70 Oct '82

What saving is all about (Reservists hold Rescue and Recovery exercise in Michigan). SSgt Jim Katzaman. illus Airman 26:42-48 Oct '82

SEASICKNESS see Motion SicknessSEAT BELTS

Development of the U.S. Army Corps shoulder harness. MajGen Harry G. Armstrong, Ret. MAC Flyer 29:7 Nov '82

Improving the crashworthiness of general aviation aircraft by crash injury investigations. William R. Kirkham. illus Aviation, Space & Envmt Med 53:319-325 Apr '82

Laws and Regulations

Child restraint laws. TIG Brief 34:18 Jul 9 '82

SECURITY, INTERNATIONAL

ACE: Challenges for the fourth decade. Gen Bernard W. Rogers. illus por NATO's Fifteen Nations 27:22-24+ Feb-Mar '82

Alternative strategies for the West. François de Rose. illus NATO's Fifteen Nations 27:14-17 Jun-Jul '82

Arms control and security in Europe: France's role. Jacques Huntzinger. AEI For Plcy & Def Rev 4, No.1:32-35 '82

An East Asian security consortium for the year 2000. MajGen Marc A. Moore. illus map MarCor Gaz 66:41-45 Jul '82

A German view of arms control and east-west security. Heinz Schulte. illus maps tab Intl Def Rev 15, No.10:1369-1374+ '82

SECURITY, INTERNATIONAL - Continued

- The governance of international affairs. Charles Yost. Intl Sec 6:207-222 Winter '81/'82
- Imbalances and tensions in areas of conflict. (Adapted from address, 36th sess, United Nations General Assembly, New York, Sep 1981) P.V.Narasimha Rao. map Asian Def J No.3:48-50 Mar '82
- Implications of security patterns among developing states. Edward A.Kolodziej. illus tabs AU Rev 33:2-22 Sep-Oct '82
- Indian Ocean security: A new zone of crisis? Asian Def J No.4:38-39 '82
- Japan and the future of Pacific defense. (Testimony before House Subcommittee on Asian and Pacific Affairs) Francis J.West, Jr. illus Defense/82, pp 12-17, Jun '82
- "The loneliness of strength--the USA looks at the 1980's." Robert F.Ellsworth. illus NATO's Fifteen Nations 27:16-18 Aug-Sep '82
- Managing nuclear multipolarity. John J.Weltman. Intl Sec 6:182-194 Winter '81/'82
- National security in an insecure age. Laurence Martin. Nav War Col Rev 35:4-11 Sep-Oct '82
- Newly-formed European Institute for Security Matters. Jochen Löser and Jan Ch. Blohm. Armada Intl 6:122+ Mar-Apr '82
- North-South relations in the 1980s. Theodore H.Moran. Nav War Col Rev 35:23-32 Sep-Oct '82
- On peace and security: Perceptions and principles of Israeli policy. Shlomo Argov. RUSI J for Def Studies 127:12-16 Jun '82
- Public opinion and alliance security. Geoffrey E.Pattie. illus Strat Rev 10:71-79 Spring '82
- The realities of security. Henry A.Kissinger. AEI For Pcly & Def Rev 3, No.6:11-16 '81/'82
- The security policy options for non-Communist Europe. Maj-Gen Jochen Löser, Ret. illus tabs Armada Intl 6:66-68+ Mar-Apr '82
- Seeking a consensus for the common defense. Caspar W.Weinberger. illus Defense/82, pp 2-8, Dec '82
- Straits of Hormuz--the fulcrum of Persian Gulf oil security. Zulfikar A.Khalid. illus map Asian Def J No.2:36-38 Feb '82
- Things old, things new: Security challenges in the 1980s. Keith A.Dunn. Parameters 12: 55-68 Jun '82
- The view from Turkey. Taner Baytok. illus Pac Def Rep 8:66-68 Mar '82
- The world lives dangerously: A strategic overview. T.B.Millar. illus Pac Def Rep 8:23-24+ Dec '81/Jan'82

SECURITY, MILITARY

- The antinuclear movement and base security. TIG Brief 34:5 Oct 11 '82
- Classified audiovisual products. TIG Brief 34:11-12 Feb 5 '82
- Preparing for the rear area battle. Sgt1C John W.Stephenson and Col Donald R.Green. illus Army Log 14:24-27 Jul-Aug '82
- Preventing security leaks. LtGen Howard W. Leaf. TIG Brief 34:2 Aug 6 '82
- Safeguard the vehicle decal: Everyone plays. TIG Brief 34:12 Apr 16 '82
- Security of PNAF (Primary Nuclear Airlift Force) missions. TIG Brief 34:3 Aug 6 '82
- Technical surveillance countermeasures policy change. TIG Brief 34:5 Aug 6 '82

Equipment

- Internal security equipment survey. illus Intl Def Rev 15, No.10:1445-1448 '82

SECURITY, NATIONAL

- See also
Security, International
- (AFCEA) banquet address. Thomas C.Reed. illus Signal 36:25-29 Aug '82
- (American intelligence community)--a proposal for reform. Ernest Volkman. Mil Sci & Tech 2, No.1:66-71 '82
- Bastion of the north? Icelandic security policy. Nigel De Lee. map RUSI J for Def Studies 126:47-53 Dec '81
- C³I: Essential to preparedness. illus Signal 36:17+ May-Jun '82
- Classifying information: A realistic approach. Arthur E.Fajans. Defense/82, pp 8-10, Nov '82
- Detente's dead giveaway. Sen William L.Armstrong. Sergeants 20:12-13 Apr '82; illus Officer 58:30-31 Jun '82
- Deterrence is everybody's business. (Testimony before Senate Foreign Relations Committee) Russell E.Dougherty. illus AF Mag 65:34-36 Jan '82
- Facing two critical challenges. Verne Orr. illus por AF Mag 65:74+ May '82
- French security policy--decisions and dilemmas. Edward A.Kolodziej. tab Armed Forces & Soc 8:185-221 Winter '82
- The future marriage of strategic national and tactical C³I assets. Robert J.Hermann. Signal 36:44-46 Aug '82
- Gulf security: The states look after themselves. Michael C.Dunn. illus Def & For Aff 10:6-9+ Jun '82
- How Thailand copes with communist insurgency. Gen Saiyud Kerdphol. illus Pac Def Rep 8: 58+ Mar '82

SECURITY, NATIONAL - Continued

The idea of strategic superiority. Colin S. Gray. AF Mag 65:62-63 Mar '82

Improved strategic C³: An urgent national priority. Rep John G. Tower. por Signal 36: 65-66 May-Jun '82

Israeli settlements and security. Col A.S. Duncan. map RUSI J for Def Studies 127:51-54 Mar '82

Japanese national security policy--a brief review. Khalid Abdullah. map illus Asian Def J No.12:61-63+ Dec '82

Japanese security policy--a time for strategy. Hisahiko Okazaki. Intl Sec 7:188-197 Fall '82

La mort du SDECE (has gone, and France now has an intelligence policy which aims at greater efficiency). Def & For Aff 10:12 May '82

National defense and the congressional role. CAPT Brent Baker. tabs Nav War Col Rev 35: 4-15 Jul-Aug '82

National security and national purpose: The West, the Soviet Union, and China. George H. Quester. illus AU Rev 33:18-32 Mar-Apr '82

National security in an insecure age. Laurence Martin. Nav War Col Rev 35:4-11 Sep-Oct '82

Norway and the bear--Soviet coercive diplomacy and Norwegian security policy. Robert K. German. Intl Sec 7:55-82 Fall '82

Policies, prices, and presidents: The need to enlighten the great choices in national security. Russell Murray II. illus Armed Forces J Intl 119:56-60 Jun '82

The politics of French security policy. Anton W. DePorte and Hugh De Santis. AEI For Plcy & Def Rev 4, No.1:27-31 '82

Possible espionage indicators: An ounce of prevention. TIG Brief 34:3-4 Sep 13 '82

Realism in the defense budget. Edgar Ulsamer. AF Mag 65:46-51 Apr '82

Religion and national security. James V. Schall. Intl Sec Rev 7:135-154 Summer '82

A respect for history. Jeane J. Kirkpatrick. AEI For Plcy & Def Rev 3, No.6:6-10 '81/'82

Reversing the tide: Strengthening our merchant marine. John F. Lehman. Def Mgt J 18:2-5 Third Quarter '82

Sealift capability: A dwindling defense resource. Peter J. Luciano. Def Mgt J 18:11-15 Third Quarter '82

Second-echelon attack: Is the debate joined? Mark Stewart. illus Armed Forces J Intl 120:105-106+ Sep '82

SECURITY, NATIONAL - Continued

Security: ASEAN's underlying factor. (Excerpts from statement at the Fletcher School of Law and Diplomacy, Boston) Tan Sri Ghazali Shafie. illus Asian Def J No.2:30-35 Feb '82

Space: The fourth dimension. Edgar Ulsamer. illus AF Mag 65:102-104 Nov '82

The state of the nation's C³I. Tony Velocci. illus Natl Def 67:19-25 Oct '82

Substitution, access, and the finite crust (U.S. faces potential mineral crisis). Mary Ann Edwards. illus Sea Power 25:41-42 Jan '82

Technology transfer and U.S. national security. Wayne A. Schroeder. Mil Sci & Tech 2, No.1:60-65 '82

Terrorism, sabotage and telecommunications. Francis P. Hoerber. tab Intl Sec Rev 7:289-304 Fall '82

USAF's investment in the national space transportation system. William P. Schlitz. illus AF Mag 65:106-112 Nov '82

U.S. strategies for industrial growth and western security. Robert E. McGarrah. Parameters 12:62-70 Dec '82

The view from Turkey. Taner Baytok. illus Pac Def Rep 8:66-68 Mar '82

History

The national security process: Plus ça change...? William P. Bundy. Intl Sec 7:94-109 Winter '82/'83

SECURITY ASSISTANCE PROGRAM

New directions and new problems for arms transfers policy. David J. Louscher and Michael D. Salomon. tabs Nav War Col Rev 35:40-47 Jan-Feb '82

Scarcity and the challenge. Gen James P. Mullins. AF J Log 6:5-6 Winter '82

Security assistance--helping others help us. Andrew K. Semmel. illus tabs Defense/82, pp 11-20, Nov '82

Security assistance revisited: How to win friends and not lose influence. Gabriel Marcella. Parameters 12:43-52 Dec '82

SECURITY CLASSIFICATION

Automated Security Clearance Approval System (ASCAS). TIG Brief 34:13 May 28 '82

Classifying information: A realistic approach. Arthur E. Fajans. Defense/82, pp 8-10, Nov '82

Critical technology transfer. TIG Brief 34:12 Jun 11 '82

Preventing security leaks. LtGen Howard W. Leaf. TIG Brief 34:2 Aug 6 '82

SECURITY CLASSIFICATION - Continued

VHSIC (Very High Speed Integrated Circuits) program shaping technology transfer restrictions. David M. Russell. illus Def Elect 14:75-77+ Aug '82

SECURITY POLICE see Military Police

SEGREGATION

See also
Blacks in the Armed Forces
Race Relations

SEMICONDUCTOR DEVICES

Can we keep VHSIC information within our borders? Jack Saddler. illus Mil Elect/Countermeasures 8:18+ Dec '82

Gate arrays: A semi-standard approach. Larry Roffelsen. illus Mil Elect/Countermeasures 8:65-67 May '82

Is VLSI vulnerable to radiation failures? tab Def Elect 14:51-52 Jul '82

The JAN microcircuit qualification program: Industry's viewpoint. Richard Aria. tabs Mil Elect/Countermeasures 8:67-69 Jan '82

Survivable display terminals for the tactical nuclear environment. Clay Burdick. illus tab Mil Elect/Countermeasures 8:46-47+ Mar '82

Very high speed integrated circuits--into the second generation. Jim Martin. illus Mil Elect/Countermeasures pt 1, The birth of a program. 7:52+ Dec '81; pt 2, Entering Phase I. 8:60-63+ Jan '82; pt 3, The chip sets: Some concerns and considerations. 8:83-86+ Feb '82; pt 4, The radiation challenge. 8:40+ Mar '82; pt 5, The issues of standardization and technology insertion. 8:66-67 Apr '82

SENIOR SERVICE SCHOOLS see Staff Colleges

SENNEWALD, Robert W.

U.S.-ROK observe milestone--partners in arms, century-old friends. Gen Robert W. Sennewald. illus Army 32:82-85+ Oct '82

SENSORS

AUSA '81--part 1: Helicopters dominate. illus Intl Def Rev pt 1, 15, No.1:75-82 '82; pt 2, Weapons and sensors. 15, No.2:205-212 '82

Automatic ESM (Electronic Support Measures) systems--past, present, future. Alan Sock. tab J of Elect Def 5:39-43+ Feb '82

Covert/passive air defense sensors: A new approach to air defense. Mike Maxfield. illus Air Def Mag pt 1, pp 6-9, Apr-Jun '82; pt 2, pp 15-18, Jul-Sep '82

Cruise missiles can be detected with contrast radiometry. Tim M. Sharon and Richard D. Brewer. illus tabs Mil Elect/Countermeasures 8:20-25 Jul '82

Electro optics in EW--USAF EO/IR technology advances. illus J of Elect Def 5:42-45 Jan '82

SENSORS - Continued

The French modular thermal-imaging system. Gowri S. Sundaram. illus Intl Def Rev 15, No.4:497-498 '82

Future combat ships require redesigned systems: Current outmoded ship designs are unlikely to survive future conflicts. Julian Lake. illus (Also cutaway) Def Elect 14:77-78+ Apr '82

Ground surveillance and target acquisition radar for the brigade commander. William Fishbein and Seymour L. Herish. Signal 37: 62-63 Nov '82

MEL introduces ESM (Electronic Support Measures) insurance. Stefan Geisenheyner. illus Def Elect 14:107-109 Jan '82

MM-wave and infrared: A hybrid for all-weather weapons delivery. Arthur C. Levitan. illus tabs Mil Elect/Countermeasures 8:100-103 Feb '82

Maritime surveillance aircraft--a growth market. Robert Salvy. illus Armada Intl 6: 58-60+ Jan-Feb '82

New detection device. Col Norman L. Dodd. illus Asian Def J No.2:74-75 Feb '82

OSIS (Ocean Surveillance Information System) extends intelligence coverage beyond radar horizon. VADM Samuel L. Gravely, Jr., Ret. illus map Def Elect 14:69-70+ Apr '82

Observation in space--past, present and future. Jens Arnbak. tab illus NATO's Fifteen Nations 27:22-25+ Apr-May '82

Requirements for perimeter protection systems. Heinz Hermes. illus Mil Tech 6: 152-155 Aug '82

Silent sensors + human operators = hidden threats. Evan P. Rolek and Capt Michael Tutin. illus J of Elect Def 5:51-57 Feb '82

Solid state components adapt to sensor environmental demands. Peter J. Minett. tabs Mil Elect/Countermeasures 8:28-30+ Nov '82

Solid state focal plane arrays boost IR sensor capabilities. Michael Cantella and others. illus Mil Elect/Countermeasures 8:38-42 Sep '82

The U.S. Vela nuclear detection satellite system and the Australian connection. Desmond Ball. tabs Pac Def Rep 8:15-16+ Mar '82

Warfare in the dark. E.K. Stodola. illus Signal 37:52-54 Oct '82

SEPARATION FROM MILITARY SERVICE see Discharges, Releases, and Separations

SERVICE, NATIONAL see National Service

SERVICE SCHOOLS see Staff Colleges

SERVICE WOMEN see Women in the Armed Forces

SEX

AF ruled within rights to discharge O-4.
AF Times 42:2 Mar 1 '82

Gonorrhea vaccine test planned for early 1983.
Paul Smith. AF Times 43:4 Nov 29 '82

Herpes. MSgt Mike Mason. Soldiers 37:17-19
May '82

Lowry NCO convicted of sex offenses involving
minors. AF Times 42:17 Apr 19 '82

New VD strain--a growing problem. AF Times
42:4 Mar 29 '82

OSI study examines rape patterns. Don Mace.
AF Times 43:3 Jul 26 '82

Services don't track genital herpes cases.
Paul Smith. AF Times 43:12 Nov 1 '82

Sexual discrimination attitude check. TIG
Brief 34:11-12 Aug 6 '82

Sexual harassment: A detriment to the mission.
TIG Brief 34:6 Jun 25 '82

Sexual harassment (change 82-1 to AFR 40-735).
TIG Brief 34:14 Apr 30 '82

10,000 soldiers had one last year: Vasectomy.
Sgt1C Norman Oliver. illus Soldiers 37:38-
40 Jun '82

SEXTANTS

Star identification. tabs Navigator pt 1,
28:15-19 Summer '81; pt 2, 28:21-24 Winter
'81; pt 3, 29:22-24 Spring '82

SHEAR, Harold E.

Maritime Administration. ADM Harold E. Shear.
illus tabs por Def Trans J 38:39-43 Feb '82

SHELTERS

The AMF80 modular NBC shelter. B.Fritz. illus
tab Intl Def Rev 15, No.11:1590-1592 '82

Meeting the threat to facilities readiness.
MajGen Clifton D. Wright, Jr. illus Mil
Engr 74:32-33 Jan-Feb '82

SHERIDAN, Michael K.

Global flexibility. BrigGen M.K. Sheridan.
illus MarCor Gaz 66:50-54 Sep '82

SHERMAN, William T.

The military ethics of General William T.
Sherman: A reassessment. John W. Brinsfield.
Parameters 12:36-48 Jun '82

SHIPBUILDING

Fast attack craft. Milan Vego. illus tabs
NATO's Fifteen Nations 27:63-64+ Oct-Nov
'82

SHIPBUILDING - ContinuedCanada

Canadian winters--shipbuilding the year
round. Paul Seidenman. illus Natl Def 66:
26-28+ May-Jun '82

China (People's Republic)Statistics

Chinese naval force requirements: The next
decade. G.Jacobs. tab illus Asian Def J
No.9:40-42+ Sep '82

Europe, Western

European corvette and frigate export pro-
posals. R.J.L.Dicker. illus Intl Def Rev
15, No.3:295-302 '82

France

DTCN (Direction Technique des Constructions
Navales) in the export market. R.J.L.
Dicker. illus Intl Def Rev 15, No.10:
1401-1404 '82

Great Britain

Britannia's bid for the waves. Joseph Fama.
illus Def & For Aff 9:8-11+ Nov '81

Type 24 Frigate (United Kingdom frigate de-
sign). illus tab Asian Def J No.2:68+
Feb '82

India

India's defence perspectives and the armed
forces. Pushpinder Singh. illus Asian
Def J No.10:12-14+ Oct '82

Italy

Shake-up in the Italian naval industry. R.J.L.
Dicker. illus Intl Def Rev 15, No.4:437-448
'82

Exhibitions

Naval construction in Italy on the eve of the
Mostra Navale. illus Armada Intl 6:48+ Mar-
Apr '82

New marketing trend at Genoa's Mostra Navale.
Antonio Ciampi. illus Pac Def Rep 8:17-20
Apr '82

N A T O

The NATO frigate replacement. William Kins-
man. illus NATO's Fifteen Nations 27:74+
Oct-Nov '82

Soviet Union

New trends in the Soviet Navy. Norman Fried-
man. illus NATO's Fifteen Nations 27:42-45
Jun-Jul '82

(Soviet Union) their Navy in 1981. Donald C.
Daniel and Theodore A. Neely, Jr. illus tabs
US Nav Inst Proc 108:109-110+ Oct '82

SHIPBUILDING - ContinuedSpain

Close up on Spain. The Spanish defence industry. M.Ramirez Gabarrus. illus Mil Tech 6: 86-89+ Mar '82

Third World

Fast attack craft. Milan Vego. illus tabs NATO's Fifteen Nations 27:63-64+ Oct-Nov '82

United States

An after-look at history (shipbuilding controversies). Edward Hidalgo. illus Sea Power 25:42+ Apr '82

CG-47: A warship for the 1990s. Stefan Geisenheyner. illus Asian Def J No.5:70-72+ May '82

Four options, 600 ships, and anonymous critics. L.Edgar Prina. tabs illus Sea Power 25:48+ May '82

The fourth arm of defense. James D.Hessman. illus tab Sea Power 25:32-34 May '82

An interview with Admiral (James D.) Watkins. James D.Hessman and Vincent C.Thomas, Jr. Interview. illus por Sea Power 25:22+ Oct '82

"Let there be built great ships . . ." Col Don P.Wyckoff, Ret. illus US Nav Inst Proc 108:50-57 Nov '82

The merchant fleet and the industrial base. Edwin M.Hood. illus Sea Power 25:35-36+ May '82

A much-needed lift. Vincent C.Thomas, Jr. illus Sea Power 25:22+ Nov '82

Naval design on the knife's edge (small ship design which could revolutionize patrol efficiencies and effectiveness). David Harvey. illus Def & For Aff 10:20-22 May '82

PHMs (guided missile patrol combatant hydrofoils) speed through sea trials with flying colors. James D.Hessman and Mary Ann Edwards. illus Sea Power 25:51-52 Nov '82

Strategy and the Navy's 1983-87 program: Skepticism is warranted! William R.Van Cleave. illus tabs Armed Forces J Intl 119: 49-51 Apr '82

Unique ILS (Integrated Logistics Support) considerations of a variable payload ship. Frank R.McLaughlin and Robert E.Boerum. Log Spectrum 16:15-23 Winter '82

The U.S. Navy: Selling (and buying) abroad. Norman Polmar. tabs illus US Nav Inst Proc 108:213-215+ May '82

U.S. rebuilding its maritime warfare capability. A.W.Grazebrook. illus tabs Pac Def Rep 9:11-12+ Aug '82

SHIPBUILDING - ContinuedUnited States - Cont'd

Window on naval defense. Broadcast on Window on Wall Street, 1982. illus Sea Power 25:31-34+ Dec '82

History

Puget Sound Navy Yard. Philip P.Judt. illus US Nav Inst Proc 108:46-57 Feb '82

Statistics

A sea change in defense programs: Navy/USMC budget hiked; NOAA, MarAd, USCG cut. James D.Hessman and Mary Ann Edwards. illus tabs Sea Power 25:12+ Mar '82

U.S. foreign policy and the Navy. G.Jacobs. illus tabs Asian Def J No.7:19-23+ Jul '82

SHIPPING

The need to protect shipping outside NATO. tab Asian Def J No.6:65-66+ Jun '82

United States

Data network improves barge movements on waterways Operation and Maintenance of Navigational Installations (OMNI). illus Natl Def 67:17-18+ Oct '82

Maritime Administration. ADM Harold E.Shear. illus tabs por Def Trans J 38:39-43 Feb '82

A maritime policy and program for the eighties and beyond. Clinton H.Whitehurst, Jr. tab Def Trans J 38:76-82 Feb '82

Shipping damage to trailer-mounted engines. TIG Brief 34:16 Apr 16 '82

Laws and Regulations

Ocean transportation reform legislation, defense preparedness, and the UNCTAD (United Nations Conference on Trade & Development) threat. Conrad H.C.Everhard. Def Trans J 38:18-23 Jun '82

Subsidized ocean carriage to Alaska: A non-subsidized perspective of Senate Bill 1682. Everett W.Trout. Def Trans J 38:84-85 Feb '82

SHIPS

See also specific types of ships, e.g.,
Icebreakers Tankers
Landing Craft Warships
Patrol Boats

Aircraft versus FACs (Fast Attack Craft). Ezio Bonsignore. illus tab Mil Tech 6: 13-14+ Nov '82

Flight from reality. RADM George H.Miller, Ret. illus US Nav Inst Proc 108:44-48 Dec '82

The foreword to Jane's (Fighting Ships). Sea Power 25:33-42 Aug '82

SHIPS - Continued

Modern escort ships. Jürg Meister. tab illus
Armada Intl 6:44+ Sep-Oct '82

Professional notes. Regular feature in issues
of United States Naval Institute Proceedings

Sail-by-wire safety. David Harvey. illus Def
& For Aff 10:28-29 Nov '82

Armament

Close-in weapon systems. Kurt Arbenz. illus
Armada Intl 6:6-7+ Jan-Feb '82

The Contraves SEAGUARD naval CIWS (Close-In
Weapon) System. Ezio Bonsignore. illus Mil
Tech 6:86+ Oct '82

Fast attack craft. Milan Vego. illus tabs
NATO's Fifteen Nations 27:63-64+ Oct-Nov
'82

U.S. and Soviet ship design practices, 1950-
1980. CAPT James W. Kehoe, Ret. and others.
illus tabs US Nav Inst Proc 108:118-133
May '82

Statistics

The Chinese Navy: Major warship capabilities.
G. Jacobs. illus tab Asian Def J No.4:40-42+
'82

Characteristics

The Aegis program: Charges and rebuttal. Col
Warren P. Baker, Ret. illus Sea Power 25:
39-40 Oct '82

Another one of their new destroyers: Udaloy.
CAPT J.W. Kehoe and K.S. Brower. tabs illus
US Nav Inst Proc 108:115-119 Feb '82

PEB (Propulsion Examining Boards): Is it
working? CAPT Abe Greenberg, Ret and LCDR
Russell M. Blauvelt. illus US Nav Inst Proc
108:34-40 Feb '82

The Royal Thai Navy's "Makut Rajakumarn"
class frigate. illus Asian Def J No.9:
53-54 Sep '82

The surface effect amphibious assault ship.
Michael Stoiko and Isidor Patapis. illus
tabs MarCor Gaz 66:46-53 Mar '82

Type 24 Frigate (United Kingdom frigate de-
sign). illus tab Asian Def J No.2:68+
Feb '82

Wolf of the high seas--the "LUPO" class
frigate. Syed Hussain bin Syed Abdul Karim.
illus tabs Asian Def J No.5:64-66+ May '82

Conversion

Arapaho: Putting more aviation afloat. Steven
M. Shaker. illus MarCor Gaz 66:47-51 May '82

Canadian winters--shipbuilding the year
round. Paul Seidenman. illus Natl Def 66:
26-28+ May-Jun '82

SHIPS - ContinuedDesign

Bluewater blueprint: The fleet of the future--
some guiding principles. John E. Moore.
illus Sea Power pt 1, 25:119-120+ Apr '82;
pt 2, The fleet of the future--the impact
of technology. James W. Lisanby and Reuven
Leopold. 25:127-128+ Apr '82

Future combat ships require redesigned
systems: Current outmoded ship designs
are unlikely to survive future conflicts.
Julian Lake. illus (Also cutaway) Def
Elect 14:77-78+ Apr '82

Naval design on the knife's edge (small ship
design which could revolutionize patrol
efficiencies and effectiveness). David
Harvey. illus Def & For Aff 10:20-22 May
'82

New cutters for the Coast Guard. Paul Seiden-
man. illus Natl Def 67:58+ Oct '82

The offensive-passive ship. Capt Robert C.
Powers. illus US Nav Inst Proc 108:46-49
Jan '82

The RINA (Royal Institution of Naval Archi-
tects) symposium on small fast warships
and security vessels. Christopher Dawson.
tab illus Intl Def Rev 15, No.7:937-940
'82

Type 24 Frigate (United Kingdom frigate de-
sign). illus tab Asian Def J No.2:68+
Feb '82

U.S. and Soviet ship design practices, 1950-
1980. CAPT James W. Kehoe, Ret. and others.
illus tabs US Nav Inst Proc 108:118-133
May '82

Electronic Equipment
See Electronic Equipment (Ships)Fuels

Ship survivability: A design trade-off. LCDR
Gary R. Hammond. illus US Nav Inst Proc
108:107-110 Sep '82

History

Galleasses: The grand gesture. Ralph D. Cato.
illus RUSI J for Def Studies 126:40-47
Dec '81

Maintenance and Repair

Blueprint for a 4.0 overhaul. LT Andrew Mag-
gard, Ret. illus US Nav Inst Proc 108:56-
59 Dec '82

(Navy) overhauling (program). W. Eric Casey.
illus Armed Forces J Intl 119:66-68+ Apr
'82

Mothballing
See National Defense Reserve FleetReactivation

The BB(V) (Battleship, V/STOL landing sup-
port). Joseph C. Antonietti. illus US Nav
Inst Proc 108:99-100 Feb '82

SHIPS - ContinuedReactivation - Cont'd

Battleships--a different view. Capt Mark F. Cancian. illus MarCor Gaz 66:58-62 Feb '82

The Iowa class: Needed once again. Howard W. Serig, Jr. illus US Nav Inst Proc 108:134-149 May '82

Update on the Iowa class. Howard W. Serig, Jr. tab illus US Nav Inst Proc 108:108-110 Dec '82

Stability

Ship survivability: A design trade-off. LCDR Gary R. Hammond. illus US Nav Inst Proc 108:107-110 Sep '82

Survivability

Ship survivability: A design trade-off. LCDR Gary R. Hammond. illus US Nav Inst Proc 108:107-110 Sep '82

Taking a new look at naval needs after the Falklands. Julian S. Lake. illus Def Elect 14:71-72+ Oct '82

Africa, Sub-Saharan

African navies south of the Sahara. Robert L. Scheina. illus map US Nav Inst Proc 108:56-59 Mar '82

Australia

After Invincible--where next? A.W. Grazebrook. illus Pac Def Rep 9:25+ Sep '82

The Australian armed forces--No. 2: RAN--1981/82. A.W. Grazebrook. illus Pac Def Rep 8:210-212+ Dec '81/Jan '82

New ESM system for Australian destroyers. Chris Heath. illus Pac Def Rep 8:82+ Apr '82

Powering the new frigates. Ian Hamilton. illus Pac Def Rep 8:14-16+ Jun '82

Stamping noisily and clutching at twigs (up-date of Australia's maritime defence equipment). illus Pac Def Rep 8:12-15 Feb '82

Why we bought Invincible. VAdm James Willis. illus Pac Def Rep 8:61-62+ Apr '82

Brazil

The Brazilian naval modernization program. Eduardo Italo Pesce. illus US Nav Inst Proc 108:145-148 Mar '82

China (People's Republic)

The Chinese Navy: Major warship capabilities. G. Jacobs. illus tab Asian Def J No. 4:40-42+ '82

Statistics

Chinese naval force requirements: The next decade. G. Jacobs. tab illus Asian Def J No. 9:40-42+ Sep '82

SHIPS - ContinuedEurope, Eastern

East European navies. Milan Vego. illus map US Nav Inst Proc 108:43-47 Mar '82

Europe, Western

European corvette and frigate export proposals. R.J.L. Dicker. illus Intl Def Rev 15, No. 3:295-302 '82

Western European and NATO navies. Stephen S. Roberts. illus tab map US Nav Inst Proc 108:35-42 Mar '82

France

French Navy to stay in Indian/Pacific Oceans. Dora Alves. Pac Def Rep 8:50+ Jun '82

Germany (West)

The BREMEN-class frigates: Planning, tasks, technology. Michael Salitter. illus Mil Tech 6:12-14+ Feb '82

First operating experiences with the Bremen (West Germany's newest ship). Capt Dieter Weigel. illus Armada Intl 6:6+ Sep-Oct '82

S-143A (missile-armed fast attack craft). Ezio Bonsignore. illus NATO's Fifteen Nations 26:64+ Dec '81-Jan '82

Great Britain

(Aircraft carrier HMS) Invincible uproar in Britain. Desmond Wettern. illus Pac Def Rep 8:10-11 Feb '82

Britannia's bid for the waves. Joseph Fama. illus Def & For Aff 9:8-11+ Nov '81

A corporate endeavor: How the British people won the battle of the Falklands. Desmond Wettern. illus Sea Power 25:39+ Sep '82

How exocet sank the HMS Sheffield. David M. Russell. illus Def Elect 14:38+ Jul '82

The Royal Navy since World War II. John E. Woods. illus US Nav Inst Proc 108:82-90 Mar '82

'STUFT' (Ships Taken From the Trade) in the Falklands crisis. Desmond Wettern. illus Pac Def Rep 9:10+ Oct '82

Stormy passage ahead--the future of the Royal Navy. Derek Wood. illus tab Intl Def Rev 14, No. 12:1693-1698 '81

Type 24 Frigate (United Kingdom frigate design). illus tab Asian Def J No. 2:66+ Feb '82

Will Britain let Invincible go? Desmond Wettern. illus Pac Def Rep 8:20-21+ Jun '82

India

The Indian Navy's "Rajput" class destroyer. illus Asian Def J No. 7:38-39 Jul '82

The Indian Navy's "Talwar" class frigate. illus tabs Asian Def J No. 5:76-77 May '82

SHIPS - ContinuedItaly

Naval construction in Italy on the eve of the Mostra Navale. illus Armada Intl 6:48+ Mar-Apr '82

New marketing trend at Genoa's Mostra Navale. Antonio Ciampi. illus Pac Def Rep 8:17-20 Apr '82

Wolf of the high seas--the "LUPO" class frigate. Syed Hussain bin Syed Abdul Karim. illus tabs Asian Def J No.5:64-66+ May '82

Japan

As I recall "damned if I did; damned if I didn't." RADM C.Elliott Loughlin, Ret. US Nav Inst Proc 108:49-50 Aug '82

The treasure of the Awa Maru. David D.Lowman. illus map US Nav Inst Proc 108:45-48 Aug '82

N A T O

The NATO frigate replacement. William Kinsman. illus NATO's Fifteen Nations 27:74+ Oct-Nov '82

New Zealand

The Royal New Zealand navy: Life begins at 40. LCdr David Davies. illus US Nav Inst Proc 108:139-141 Mar '82

Saudi Arabia

Saudi Arabia's "BADR" missile corvettes. tab illus Asian Def J No.2:51-52 Feb '82

Soviet Union

Petropavlovsk and venta--another look. G.Jacobs. illus Asian Def J No.1:65+ Jan '82

Russia's client navies continue to grow. A.W. Grazebrook. illus tab Pac Def Rep 8:34-35 Apr '82

The Soviet naval air force--the threat to NATO sea lines of communication. Maj J.F. Bennett. The Sir Robert Brooke-Popham Prize Essay. Hawk, pp 37-44, Feb '82

The Soviet Navy--supporting its overseas deployment. G.Jacobs. maps tabs illus Asian Def J No.2:40-44+ Feb '82

(Soviet Navy) their surface forces. Andrew W.Hull. illus US Nav Inst Proc 108:53-59 Oct '82

Soviet ship types. Arthur D.Baker III. illus tabs US Nav Inst Proc pt 1, 106:111-117 Nov '80; pt 2, 106:115-120 Dec '80; pt 3, 108:168-174 Oct '82

A Soviet ship: What's her name? John A. Broadwin. tabs Nav War Col Rev 35:77-86 Jul-Aug '82

(Soviet Union) their merchant fleet. Capt Robert E.McKeown. illus US Nav Inst Proc 108:160-167 Oct '82

SHIPS - ContinuedSoviet Union - Cont'd

Their (Soviet Union) carrier battle group. LCDR T.J.McKearney. illus US Nav Inst Proc 108:73-81 Dec '82

Zapad 81: Successor to Okean? Gains for USSR, and some lessons for NATO. Floyd D. Kennedy, Jr. illus tab Sea Power 25:29-30+ Jan '82

Statistics

Of budgets and fleets. James D.Hessman. illus tabs Sea Power 25:27-34 Feb '82

(Soviet Navy) their missions and tactics. Norman Polmar and Norman Friedman. maps illus US Nav Inst Proc 108:34-44 Oct '82

Soviet tactical ASW threat in the Pacific. G.Jacobs. tabs illus Asian Def J No.8: 14-15+ Aug '82

(Soviet Union) their Navy in 1981. Donald C. Daniel and Theodore A.Neely, Jr. illus tabs US Nav Inst Proc 108:109-110+ Oct '82

The USSR polar fleet recent acquisitions. RADM N.C.Venzke. illus tab US Nav Inst Proc 108:98-99 Feb '82

Sweden

The Royal Swedish navy. Milan Vego. map US Nav Inst Proc 108:128-130 Mar '82

The Stockholm-class SPICA III. illus Asian Def J No.9:66 Sep '82

Thailand

The Royal Thai Navy's "Pin Klao" frigate. illus Asian Def J No.10:97-98 Oct '82

United States

The Aegis program: Charges and rebuttal. Col Warren P.Baker, Ret. illus Sea Power 25: 39-40 Oct '82

CVNs (aircraft carriers) forever! Forever? CAPT Gerald O'Rourke, Ret. illus US Nav Inst Proc 108:20-26 Jul '82

The case for the CVNs (nuclear-powered aircraft carriers)--I: A common-sense rationale. Vincent C.Thomas, Jr. illus map Sea Power 25:10-11+ Jun '82

The case for the CVNs (nuclear-powered aircraft carriers)--II: The debate in Congress. L.Edgar Prina. illus Sea Power 25:27-29+ Jun '82

An Eagle at sea (Coast Guard Academy tall ship Eagle). Larry Baker. illus Def Trans J 38:34-37 Jun '82

FY '83: A banner year for naval aviation? L.Edgar Prina. illus Sea Power 25:21-26 Feb '82

Fast and furious: The FFG-7 program, and what comes next. CAPT Walter R.Thomas, Ret. tab illus Sea Power 25:31-34+ Sep '82

SHIPS - ContinuedUnited States - Cont'd

Forecasting future forces. Capt Charles D. Allen, Jr, Ret. illus tab US Nav Inst Proc 108:74-80 Nov '82

An interview with Admiral (James D.) Watkins. James D. Hessman and Vincent C. Thomas, Jr. Interview. illus por Sea Power 25:22+ Oct '82

Management of change. Capt M. Eckhart, Jr, Ret. illus US Nav Inst Proc 108:50-56 Jul '82

Missiles to give Iowa new muscles. illus Officer 58:12-13 Nov '82

A much-needed lift. Vincent C. Thomas, Jr. illus Sea Power 25:22+ Nov '82

NTPS (Near Term Prepositioning Ships) equipment maintenance. illus MarCor Gaz 66: 59-61 Jul '82

Naval design on the knife's edge (small ship design which could revolutionize patrol efficiencies and effectiveness). David Harvey. illus Def & For Aff 10:20-22 May '82

New cutters for the Coast Guard. Paul Seidenman. illus Natl Def 67:58+ Oct '82

The new U.S. administration: A new promise to the U.S. Navy? End of a decline? Stefan Terzibaschitsch. illus tab Mil Tech pt 1, 6:44-46+ Mar '82

The offensive-passive ship. Capt Robert C. Powers. illus US Nav Inst Proc 108:46-49 Jan '82

The once and future Congress: Final action on FY 1982, and an advance look at FY 1983. L. Edgar Prina. illus Sea Power 25:17-23 Jan '82

PHMs (guided missile patrol combatant hydrofoils) speed through sea trials with flying colors. James D. Hessman and Mary Ann Edwards. illus Sea Power 25:51-52 Nov '82

Satellites and the sea. Walter B. Hendrickson, Jr. illus Natl Def 67:26-28+ Oct '82

Sea services. Regular feature in issues of National Defense

U.S. rebuilding its maritime warfare capability. A. W. Grazebrook. illus tabs Pac Def Rep 9:11-12+ Aug '82

Window on naval defense. Broadcast on Window on Wall Street, 1982. illus Sea Power 25:31-34+ Dec '82

Statistics

Air Force ups readiness accounts to fund Reagan's strategic initiatives. Deborah M. Kyle. por tab Armed Forces J Intl 119:52+ Mar '82

SHIPS - ContinuedUnited States - Cont'dStatistics - Cont'd

Changes in the status of ships: Fiscal year 1981. Samuel L. Morison. Tables only. US Nav Inst Proc 108:123-124 Jan '82

Counting the 600-ship Navy. CAPT Brent Baker. tabs illus US Nav Inst Proc 108:209-210 May '82

Four options, 600 ships, and anonymous critics. L. Edgar Prina. tabs illus Sea Power 25:48+ May '82

Military Sealift Command. VADM Kent J. Carroll. illus tabs map por Def Trans J 38: 21-25 Feb '82

New defense guidance tells services 'to get in step.' L. Edgar Prina. Sea Power 25: 43-44+ Aug '82

Of budgets and fleets. James D. Hessman. illus tabs Sea Power 25:27-34 Feb '82

Tomorrow's fleet. CDR John D. Alden, Ret. illus tabs US Nav Inst Proc 108:113-122 Jan '82

SHIPS, AUXILIARY see Auxiliary Ships

SHIPS, CARGO see Ships, Transport

SHIPS, CONTAINER see Ships, Transport

SHIPS, NUCLEAR POWERED

See also

Aircraft Carriers, Nuclear Powered
Submarines, Nuclear Powered

United States

Thank God for the sitting ducks! ADM Thomas B. Hayward. illus tabs US Nav Inst Proc 108: 22-25 Jun '82

SHIPS, TRANSPORT

United States

Deployment on containerships: Panacea or paradox? Capt Scott Bergeron. illus tabs Translog 13:7-9 Feb '82

History

The saga of the Joseph T. Dickman. Bernard Nalty and Truman Strobridge. illus Natl Def pt 1, 67:28-31 Nov '82; pt 2, 67:18-19+ Dec '82

SHIP'S STORES see Exchanges--Navy

SHIPYARDS see Shipbuilding

SHORE PATROL see Military Police

SHORT TAKEOFF AND LANDING see Airplanes, V/STOL

SIGHT

See also
Eyes

Acceleration-induced atrioventricular dissociation: Hemodynamic consequences. James E. Whinnery. tabs illus Aviation, Space & Envmt Med 53:432-434 May '82

Effect of different runway sizes on pilot performance during simulated night landing approaches. Henry W. Mertens and Mark F. Lewis. tabs illus Aviation, Space & Envmt Med 53:463-471 May '82

Fitting spectacles for the aviator. TIG Brief 34:5 Apr 16 '82

The laser horizon. Maj Timothy J. Shaw. illus Flying Safety 38:22-23 Sep '82

On the significance of heterophoria for stereoscopic vision. Jorma Castrén and others. tabs Aviation, Space & Envmt Med 53:393-397 Apr '82

The prevalence of visual deficiencies among 1979 general aviation accident airmen. J.R. Dille and C.F. Booze, Jr. tabs Aviation, Space & Envmt Med 53:179-182 Feb '82

Visual scanning behavior and mental workload in aircraft pilots. J.R. Tole and others. illus tabs Aviation, Space & Envmt Med 53:54-61 Jan '82

The wearing of hydrophilic contact lenses aboard a commercial jet aircraft: I. Humidity effects on fit. Weylin G. Eng and others. illus tab Aviation, Space & Envmt Med 53:235-238 Mar '82

SIGNAL PROCESSING

The deadly game: Search radar versus aircraft. Edwin M. Drogin. illus Def Elect 14:56-57+ Aug '82

Is VHSIC (Very High Speed Integrated Circuits) a panacea? Or, facing the von Neumann bottleneck. illus Def Elect 14:72-73 Aug '82

Militarized array processor builds on commercial design experience. John Swenson. illus Mil Elect/Countermeasures 8:34-37 Sep '82

VHSIC (Very High Speed Integrated Circuits) processors take shape. tabs illus Def Elect 14:33+ Aug '82

SIGNALS AND SIGNALING

Consider the balloon. LtCol John G. Heslin. illus USA Avn Dig 27:31-33 Dec '81

Maritime distress signal kits. TIG Brief 34:20 Apr 16 '82

Monochannel direction finding improves monopulse technique. Douglas E. Klaus and Richard P. Hollis. illus Def Elect 14:35-38+ Mar '82

SIMULATION METHODS

An advanced combat training system using laser simulation. John M. Keating and Rudolph R. Gammarrino. illus Natl Def 66:31-32+ May-Jun '82

SIMULATION METHODS - Continued

C³CM modeling and simulation--a necessary step in defining force structure, testing, and operational employment. MajGen Gerald J. Carey, Jr, Ret and William E. Sears III. illus J of Elect Def 5:37-41+ Jul '82

DOD utilization of simulation techniques. Charles K. Watt. illus Signal 36:94-99 Aug '82

Development of simulation test beds to support design and development. Jay L. McBride. illus Signal 36:103-106 Aug '82

Electronic warfare: A page from a war scenario. illus Asian Def J No.1:58-62 Jan '82

MULTOTS (Multiple Units Link Test and Operational Training System): Data link readiness through testing. Tom W. Goad. illus Mil Elect/Countermeasures 8:53-55 Mar '82

Modification of the standard base supply system stock leveling techniques. Maj Kenneth B. Faulhaber. tabs AF J Log 6:18-21 Winter '82

Multiple integrated laser engagement system. Capt William L. Terrill. illus Air Def Mag, pp 28-29, Oct-Dec '81

The role of simulation--a survey of the capabilities of Thomson-CSF. Col Norman L. Dodd, Ret. illus (Also cutaway) Asian Def J No.5:81-84 May '82

Simulation, emulation and modeling in the TRI-TAC program. MajGen Robert J. Donahue. illus Signal 36:85-90+ Aug '82

Simulation--speculations for the future. J of Elect Def 5:44 Sep '82

TACTS/ACMI: Aircrew training experience. Charles A. Whitney. illus Natl Def 66:17-18+ Feb '82

Test bed concepts in the Tactical Air Command. Col Denis Brown. illus Signal 36:100-102 Aug '82

U.S. Army NTC (National Training Center) advances realism in battalion-level training. John W. O'Keefe and Karla Frandson. illus Def Elect 14:52+ Jun '82

SIMULATORS

See also
Flight Simulators
Submarine Simulators

Acceleration induced voltage variations in the electrocardiogram during exhaustive simulated aerial combat maneuvering. James E. Whinnery. tabs Aviation, Space & Envmt Med 53:147-152 Feb '82

Air Force generic threat simulator. illus J of Elect Def 5:43 Sep '82

Aircraft survivability through tactical simulation. Bruce S. Betschart. illus J of Elect Def 5:69+ Sep '82

SIMULATORS - Continued

Army air defense simulators. Robert Chalmers. illus NATO's Fifteen Nations Special Issue No.1:104+ '82

The B-52 G/H weapon system trainer. Maj John E. Magness. Combat Crew 32:26-27 Feb '82

Dexterity for the space shuttle--a training simulator for the remote manipulator system. Tom Weissmann. illus Interavia 37:454-455 May '82

Did we learn anything from that exercise? Could we? Frederick Thompson. Nav War Col Rev 35:25-37 Jul-Aug '82

EW threat simulator validates software. William H. McMillan. illus tabs Def Elect 14:101-102+ Oct '82

EW training solution: Simulation. William D. Turner. J of Elect Def 5:29+ Sep '82

Electro optics in EW--simulating weather and EW effects on IR and EO systems. Mer-ton H. Crowell. illus J of Elect Def 5:37-39+ Jan '82

Laser simulators: The Army is testing European laser simulators. Paul A. Chadwell. illus Natl Def 66:17-18+ Mar '82

Malaysia awards ASTT (Action Speed Tactical Trainer) contract--sophisticated system for Lumut (Naval Base). Brian Walters. illus Asian Def J No.4:24-25 '82

PAR (Pulse Acquisition Radar) flat panel system simulator. Linda Pirino Ross. illus Air Def Mag, pp 21-23, Jan-Mar '82

Pac-man meets GI Joe? Tom Kiddoo. illus Soldiers 37:20-23 Sep '82

(Radar) threats (simulators) for export. Hal Gershanoff. illus J of Elect Def 5:56-57 Sep '82

The role of simulation--a survey of the capabilities of Thomson-CSF. Col Norman L. Dodd, Ret. illus (Also cutaway) Asian Def J No.5:81-84 May '82

Shipboard simulation moves to sea. Paul Seidenman. illus Natl Def 66:24-27 Mar '82

Simulating the modern electronic battlefield. Terry E. Bibbens. Def Mgt J 18:16-21 Third Quarter '82

Simulation reaches towards reality. Dan Boyle. illus Interavia 37:451-453 May '82

Simulator breakthrough lowers costs. Brian Walters. illus Asian Def J No.5:86-87 May '82

A simulator for all systems. Hal Gershanoff. illus J of Elect Def 5:53-54+ Sep '82

Simulators and visual systems. Stefan Geisenheyner. illus Asian Def J No.7:12-15+ Jul '82

Simulators gain with the Army. W.D. McGlasson. illus Natl Def 66:39-44+ Mar '82

SIMULATORS - Continued

Simulators play key role in EA-6B pilot training. Hal Gershanoff. illus J of Elect Def 5:60-62 Sep '82

Simulators: The European experience. Paul A. Chadwell. illus Natl Def 66:28-31 Mar '82

TACTS/ACMI: Aircrew training experience. Charles A. Whitney. illus Natl Def 66:17-18+ Feb '82

Trends in electronic warfare trainers. H.R. Puckett. illus tab J of Elect Def 5:31-34+ Sep '82

USAF plans major new training facility (at Maxwell Air Force Base, AL). J of Elect Def 5:23 Feb '82

SINAI PENINSULA

Return to the Middle East--no 1: Some punji sticks in the Sinai sands. John Christie. illus map Pac Def Rep 8:22-23 Apr '82

Return to the Middle East--no 2: The ANZAC contingent and its role. Ian Hamilton. illus Pac Def Rep 8:24+ Apr '82

The wars of Israel in Sinai: Topography conquered. Arnon Soffer. map illus Mil Rev 62:60-72 Apr '82

SINGAPORE

How Singapore sees the Vietnam threat. Lim Joo-jock. illus Pac Def Rep 8:52-53+ Dec '81/Jan '82

Operation Doberman: The Singapore armaments story. Laurence Hartnett. illus Pac Def Rep 8:10-12+ Apr '82

SINGLE MANAGER SYSTEM

Emergency Mobilization Preparedness Board. Louis O. Giuffrida. Signal 36:61-63 Aug '82

SIX-DAY WAR see Middle East Crisis, 1967SKANTZE, Lawrence A.

The challenge of electronic warfare. LtGen Lawrence A. Skantze. illus por AF Mag 65:71-73 Jul '82

SKI TROOPS

Warring on skis. 2dLt Frank T. Matheson. illus Natl Guard 36:22-24 Mar '82

SLAY, Alton D.

A new look at an old remedy: Multiyear contracts and defense procurement. Gen Alton D. Slay. tab Def Mgt J 18:20-25 First Quarter '82

SLEEP

Continuous operations. Capt George R. Frank. illus Armor 91:19-23 Mar-Apr '82

SMALL, Harold I.

U.S. Army Transportation School, Ft. Eustis, (VA). MajGen Harold I. Small. illus Translog 13:10-13 Apr '82

U.S. Transportation Corps. MajGen Harold I. Small. Translog 13:14-15 Apr '82

SMALL ARMSSee also

Pistols
Rifles

AUSA '81--part 1: Helicopters dominate. illus Intl Def Rev pt 1, 15, No.1:75-82 '82; pt 2, Weapons and sensors. 15, No.2:205-212 '82

The new small arms age is here with a bang. Thomas Glakas. illus Def & For Aff 10:20-22 Jan-Feb '82

On the firing line. Regular feature in issues of National Defense

Operation Doberman: The Singapore armaments story. Laurence Hartnett. illus Pac Def Rep 8:10-12+ Apr '82

Prime BEEF weapons and ammunition. TIG Brief 34:18 Mar 5 '82

The shotgun market. Def & For Aff 10:24+ Jan-Feb '82

Who's got what? A comparison of U.S. & Soviet small arms. SSgt Gary L.Kieffer. illus Soldiers 37:13-16 May '82

Study and Teaching

Giving it their best shot (teaching combat arms skills) SSgt Jim Katzaman. illus Airman 26:2-7 Aug '82

SMALL BUSINESS

Small business contracting with the Department of Defense. Richard Gordon. Log Spectrum 16:4-6 Fall '82

Small business: In MTMC it's big business! LtCol Jack Hudson. illus Translog 13:2-3 May '82

Successful strategies for netting defense contracts. Margaret M.Worthington. tab Def Mgt J 18:26-31 Fourth Quarter '82

SMEDBERG, William R., III

As I recall . . . "Sink the Wasp!" VADM William R.Smedberg III, Ret. illus US Nav Inst Proc 108:47-49 Jul '82

SMITH, Dale O.

The target was Marienburg. MajGen Dale O. Smith, Ret. illus AF Mag 65:122-124+ Sep '82

SMITH, Holland M.

Gen Holland M. Smith: Father of amphibious warfare. illus por MarCor Gaz 66:14-15 Apr '82

SMOKE

Molybdate smoke suppressants find use in PVC (Polyvinyl Chloride) sheet and wire and cable applications. tab Natl Def 67:8+ Dec '82

Obscurants: Countermeasure to modern weapons. LtCol John P.Bulger. illus Mil Rev 62:45-53 May '82

SMUGGLINGSee also

Customs Service

The drug busters. Tippi Ross. illus Airman 26:18-23 Dec '82

Washington tries to clamp down with high-tech export controls. Ehud Yonay. illus Def Elect 14:76-78+ Sep '82

SNIPERS

Sniping: Making war the professional way. Sergio Coniglio. illus Mil Tech 6:45-46+ Aug '82

Urban snipers. Maj Wayne A.Silkett. Infantry 72:14-15 Sep-Oct '82

SNOW

Rotor-induced whiteout. illus USA Avn Dig 28:14-15 Sep '82

Winter weather review. MAC Flyer 29:14-15 Nov '82

SNOW, Donald M.

Strategic uncertainty and nuclear deterrence. Donald M.Snow. Nav War Col Rev 34:27-41 Nov-Dec '81

SNOW REMOVAL

Guide to the elimination of ice, snow or frost from parked aircraft. illus Flying Safety 38: back cover Oct '82

SOCIAL SCIENCE RESEARCH

Consequences of social science research on the U.S. military. Morris Janowitz. Armed Forces & Soc 8:507-524 Summer '82

Social research: Limited use but helpful for Armed Forces. AF Times 43:7 Dec 13 '82

SOCIAL SECURITY

Bill would restore Social Security \$\$ to military kin. Martha Lynn Craver. AF Times 42:7 Jun 14 '82

National commission seeks basis for action--trustees cite need for new Social Security financing measures. Officer 58:37-38 Jul '82

Panel looks at ways of keeping SS solvent. AF Times 43:30 Nov 22 '82

(Rep Duncan) Hunter wants to restore lost SS benefits. Martha Lynn Craver. AF Times 42:3 Feb 8 '82

SOCIAL SECURITY - Continued

(Rep Strom) Thurmond sponsors bill to eliminate 'Catch 62.' Martha Lynn Craver. AF Times 42:3 May 31 '82

Selective Service will go to Social Security files. Paul Smith. AF Times 42:4 Apr 5 '82

Senate panel mulls restoration of full SS benefits for survivors. AF Times 43:5 Sep 13 '82

Social Security--the myths and the malady. William F. Keough. Sergeants 20:20-21 Feb '82

SOCIALISM

Reflections on empire: The Soviet connection. Colin S. Gray. illus Natl Guard 36:2-13 Jan '82

SOCIETY OF AMERICAN MILITARY ENGINEERS

CM (Construction Management) and government contracting out: PBCS (Parsons Brinckerhoff Construction Services) and ILC (Industry Liaison Committee) air both sides. illus Mil Engr 74:372-374 Sep-Oct '82

62d Annual Meeting (San Antonio, Apr 21-24, 1982). illus Mil Engr 74:311-320 Jul-Aug '82

Directories

Directory, the Society of American Military Engineers. Mil Engr 74:56-65 Jan-Feb '82

SOCIETY OF LOGISTICS ENGINEERS

Graduate logistics education requirements--an individual perspective. Benjamin S. Blanchard. illus Log Spectrum 15:9-13 Winter '81

The professional designation in logistics management. Warren S. Barnes. tabs Log Spectrum 16:17-19 Fall '82

SOCIOLOGY

Consequences of social science research on the U.S. military. Morris Janowitz. Armed Forces & Soc 8:507-524 Summer '82

Elite selection in the French Army officer corps. François Cailleteau. tabs Armed Forces & Soc 8:257-274 Winter '82

SOLDIERSGreat Britain

The Gurkha reputation. Byron Farwell. illus MarCor Gaz 66:46 Oct '82

Then the Gurkhas came ashore. Byron Farwell. illus Army 32:24-26 Sep '82

Soviet Union

What makes Ivan fight? LtCol William P. Baxter, Ret. illus Army 32:37-39 Mar '82

SOLDIERS - ContinuedUnited States

Brighter horizons for a U.S. Army in transition. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 120:38+ Oct '82

Consent and the American soldier: Theory versus reality. Peter Karsten. Parameters 12:42-49 Mar '82

Diary of a Confederate soldier. Larry G. Bowman and Jack B. Scroggs. illus Mil Rev 62:20-34 Feb '82

Enlisted career news. Regular feature in issues of Air Defense Magazine

Enlisted career notes. Regular feature in issues of Infantry

OPMS-EPMS Armor. Regular feature in issues of Armor

Sustainment training. Infantry 72:23-29 May-Jun '82

They, too, were heroes. BrigGen Albin F. Irzyk. illus Army 32:18-21+ Dec '82

History

The militia of the United States: An analysis. John M. Lane. illus Mil Rev 62:12-18 Mar '82

SOLDIERS' AND AIRMEN'S HOME

The premium's paid (U.S. Soldiers' and Airmen's Home in Washington). Capt Katie Cutler. illus Airman 26:2-7 Mar '82

SOLOMON ISLANDS

Guadalcanal--then and now. Maj J.N. Mueller. illus MarCor Gaz 66:64-68 Oct '82

SONAR

The U.S. Naval Ocean Surveillance Information System (NOSIS)--Australia's role. Desmond Ball. illus Pac Def Rep 8:40-42+ Jun '82

SOUND

Is SOSUS (SOund SURveillance System) an underwater Maginot Line? Jim Bussert. illus map Mil Elect/Countermeasures 8:43-46 Jul '82

SOUTH AFRICA (REPUBLIC)

Southern Africa & South Africa: The politics of necessity. Maj David F. McNierney. illus Jt Persp 3:14-23 Summer '82

Walvis Bay: A naval gateway, an economic turnstile, or a diplomatic bargaining chip for the future of Namibia? Richard Dale. map RUSI J for Def Studies 127:31-36 Mar '82

SOUTH AFRICA (REPUBLIC) - ContinuedForeign RelationsN A T O

South Africa and the Western Alliance
1949-81: A history of illusions. Christopher Coker. map RUSI J for Def Studies 127:
34-40 Jun '82

Strategic Importance

High strategic stakes in Southern Africa.
James Hansen. illus tab Natl Def pt 1,
66:42-46 May-Jun '82; pt 2, 67:42-46
Jul-Aug '82

SOUTH VIETNAM see Vietnam

SOUTHERN HEMISPHEREForeign Relations

The Southern Hemisphere as a defence community. Juerg Meister. illus tabs Pac Def Rep
8:54-57 Mar '82

SOVIET UNION

Attack! Soviet style. 1stLt Carl A. Wertman.
illus MarCor Gaz 66:46-49 Jul '82

Chemical warfare: The case against the Soviet Union. Michael Richardson. illus Pac Def
Rep 9:52+ Sep '82

The future of the Soviet empire--a historical perspective. LtCol Carl W. Reddel. illus
AU Rev 33:22-27 Jul-Aug '82

Soviet Moslems: A Russian challenge. Maj
Robert D. Anderson. map Jt Persp 3:26-35
Winter '82

Soviet perspective. Regular feature in issues
of Military Science & Technology

The Soviet scorecard on the Reagan administration's first year. Leon Gouré. AF Mag
65:64+ Mar '82

Soviet tactical ASW threat in the Pacific.
G. Jacobs. tabs illus Asian Def J No.8:
14-15+ Aug '82

Economic Conditions

From the crest all directions are down: The Soviet Union views the 1980s. Daniel S. Papp. Nav War Col Rev 35:50-68 Jul-Aug '82

Soviet crisis and western disunity: Contending timetables. Brian Crozier. Strat Rev
10:21-28 Fall '82

Soviet snow job. CAPT E.J. Thaubald. illus
US Nav Inst Proc 108:62-68 Jun '82

(Soviet Union) their fourth succession.
BrigGen E.F. Black, Ret. illus US Nav Inst
Proc 108:102-108 Oct '82

SOVIET UNION - ContinuedEconomic Policy

Energy and the Soviet bloc. Thane Gustafson.
tabs Intl Sec 6:65-89 Winter '81/'82

Guns over growth in Soviet policy. Myron
Rush. Intl Sec 7:167-179 Winter '82/'83

Natural gas--a political weapon for the Soviet Union? B. Fritz. map tabs illus Intl
Def Rev 15, No.1:15-18 '82

Foreign Economic Relations

Natural gas--a political weapon for the Soviet Union? B. Fritz. map tabs illus Intl
Def Rev 15, No.1:15-18 '82

Russia's client navies continue to grow. A.W. Grazebrook. illus tab Pac Def Rep 8:34-35
Apr '82

Cambodia

Moscow and Hanoi struggle for influence in Kampuchea. Michael Richardson. illus Pac
Def Rep 8:75-76+ Apr '82

Europe, Western

The Soviet connection II: Moscow's dangerous pipeline to Europe. Richard N. Perle.
Defense/82, pp 16-19, Feb '82

United States

Behind U.S. grain sales to the USSR. Mikhail S. Bernstam. Def & For Aff 10:22-24 Sep '82

The Soviet connection I: Raiding the Free World's technology. Richard N. Perle.
Defense/82, pp 10-15, Feb '82

Foreign Policy

Afghanistan: The empire strikes out. Joseph J. Collins. Parameters 12:32-41 Mar '82

Castro and the Soviets: Pals to what end? Lynn-Darrell Bender. illus US Nav Inst
Proc 108:102-103 Feb '82

Defense in democracies--the public dimension. Francis Pym. Intl Sec 7:40-44 Summer '82

Gains for Soviet policy in the Middle East. Shahram Chubin. Intl Sec 6:122-152 Spring '82

Military power is the root of Soviet expansionism. Edgar Ulsamer. AF Mag 65:38-42+
Mar '82

Moscow's "double succession." Paul Meek.
illus Def & For Aff 10:30-31 Oct '82

The myth of the Soviet threat. Steve Smith.
illus RUSI J for Def Studies 127:41-49 Jun '82

Reflections on empire: The Soviet connection. Colin S. Gray. illus Natl Guard 36:2-13
Jan '82

SOVIET UNION - ContinuedForeign Policy - Cont'd

The second imperial requiem. John Kenneth Galbraith. Intl Sec 7:84-93 Winter '82/'83

Soviet political relations with Africa. Henry Bienen. Intl Sec 6:153-173 Spring '82

Soviet strategic objectives in the 1980s. LtCol Robert F. Collins. Mil Rev 62:3-12 Aug '82

Foreign RelationsAfghanistan

Afghanistan in the Bear's embrace. Denis Warner. illus map Pac Def Rep 9:51-53 Oct '82

Afghanistan: The empire strikes out. Joseph J. Collins. Parameters 12:32-41 Mar '82

Russians in Afghanistan to stay. Denis Warner. Pac Def Rep 8:29-30 Mar '82

Soviet fortunes on the southern tier: Afghanistan, Iran, and Pakistan. Shirin Tahir-Kheli. Nav War Col Rev 34:3-13 Nov-Dec '81

The Soviet invasion of Afghanistan: Its inevitability and its consequences. Lawrence E. Grinter. maps Parameters 12:53-61 Dec '82

Africa

Soviet political relations with Africa. Henry Bienen. Intl Sec 6:153-173 Spring '82

Africa, South

Constraints on superpower intervention in Sub-Saharan Africa. Robert J. Lilley. map Parameters 12:63-75 Sep '82

Asia

The Asian military scene in the coming decade. Clare Hollingworth. illus Def & For Aff 10:18-19+ Apr '82

Caribbean Region

Meeting challenges to U.S. security interests in the western hemisphere. Rep Jack Kemp. Intl Sec Rev 7:125-133 Summer '82

Soviet imperialism spreads south. Fred C. Ikle. tabs Defense/82, pp 24-28, Mar '82

Soviet naval policy in the Caribbean. Capt Tom Linn. illus Def & For Aff 10:10-12 Jan-Feb '82

U.S. options--and illusions--in Central America. David C. Jordan. illus Strat Rev 10:53-62 Spring '82

Central America

U.S. options--and illusions--in Central America. David C. Jordan. illus Strat Rev 10:53-62 Spring '82

SOVIET UNION - ContinuedForeign Relations - Cont'dChina (People's Republic)

Dangers in playing the China card. Denis Warner. illus Pac Def Rep 9:41-42 Aug '82

Cuba

Meeting challenges to U.S. security interests in the western hemisphere. Rep Jack Kemp. Intl Sec Rev 7:125-133 Summer '82

Soviet strategy in the Caribbean basin. Jiri Valenta. map illus US Nav Inst Proc 108: 168-181 May '82

Europe, Eastern

Energy and the Soviet bloc. Thane Gustafson. tabs Intl Sec 6:65-89 Winter '81/'82

Instability and change in Eastern Europe. F. Stephen Larrabee. tab Intl Sec 6:39-64 Winter '81/'82

India

An important factor on the world scene. V. Yefremov. Soviet Mil Rev No. 12:49-50 Dec '82

Indian Ocean Region

The Soviet Union and the Southern Sea Route. LCDR James T. Westwood. map Nav War Col Rev 35:54-67 Jan-Feb '82

Iran

Gains for Soviet policy in the Middle East. Shahram Chubin. Intl Sec 6:122-152 Spring '82

Soviet fortunes on the southern tier: Afghanistan, Iran, and Pakistan. Shirin Tahir-Kheli. Nav War Col Rev 34:3-13 Nov-Dec '81

Japan

Islands of dispute (southern islands in the Kurile chain). Maj George A. Harmer. illus maps Mil Rev 62:12-18 Jun '82

Middle East

Gains for Soviet policy in the Middle East. Shahram Chubin. Intl Sec 6:122-152 Spring '82

Soviet weaponry used in war reflects size of commitment. Capt Robert B. Adolph, Jr. illus Army 32:24-27+ Aug '82

Soviets flex rapid deployment force. James Bussert. tab illus map Def Elect 14:90-91+ Jan '82

Norway

Norway and the bear--Soviet coercive diplomacy and Norwegian security policy. Robert K. German. Intl Sec 7:55-82 Fall '82

Pakistan

Soviet fortunes on the southern tier: Afghanistan, Iran, and Pakistan. Shirin Tahir-Kheli. Nav War Col Rev 34:3-13 Nov-Dec '81

SOVIET UNION - ContinuedForeign Relations - Cont'dPersian Gulf Region

The strategic importance of Turkestan for the Soviet Union and the Muslim world. Baymirza Hayit. map Islamic Def Rev 7, No.3:7-11 '82

Poland

Contempt and crisis in Poland. David A. Andelman. map Intl Sec 6:90-103 Winter '81/'82

Martial law made in Moscow. Alexander M. Haig. illus por Pac Def Rep 8:24-26 Mar '82

The Soviet Union and Poland's struggle for self-control. Edwina Moreton. Intl Sec 7: 86-104 Summer '82

Sweden

"Whiskey" on the rocks (grounding of a Soviet "Whiskey"-class combatant submarine near Swedish naval base). Deam W. Given and William Cashman. illus US Nav Inst Proc 108: 112-115 Apr '82

Third World

Responding to Soviet intervention in the Third World. Thomas H. Etzold. Nav War Col Rev 35:25-35 May-Jun '82

United States

Energy and the Soviet bloc. Thane Gustafson. tabs Intl Sec 6:65-89 Winter '81/'82

The iron(ic) horse from Nikolsk (incident involving US Army troops on duty in Siberia in 1920). Harold B. Hayes III. illus map Mil Rev 62:18-28 May '82

Noncoercive inducements in U.S.--Soviet conflicts: Ending the occupation of Austria and nuclear weapons tests. Louis Kriesberg. J Pol & Mil Sociol 9:1-16 Spring '81

Restructuring the SALT dialogue. Jane M.O. Sharp. Intl Sec 6:144-176 Winter '81/'82

Yankee Doodle boy (John R. McKone--prisoner of war in the Soviet Union, 1960-61). Capt Katie Cutler. illus Airman 26:8-13 Jul '82

Vietnam

Moscow and Hanoi struggle for influence in Kampuchea. Michael Richardson. illus Pac Def Rep 8:75-76+ Apr '82

New Soviet arms for Vietnam. G. Jacobs. illus tab Pac Def Rep 9:49+ Sep '82

Vietnam: Focus of regional conflict. Peter A. Poole. tab Intl Sec Rev 7:219-232 Summer '82

History

The future of the Soviet empire--a historical perspective. LtCol Carl W. Reddel. illus AU Rev 33:22-27 Jul-Aug '82

SOVIET UNION - ContinuedHistory - Cont'd

Reflections on empire: The Soviet connection. Colin S. Gray. illus Natl Guard 36:2-13 Jan '82

Politics and Government

From the crest all directions are down: The Soviet Union views the 1980s. Daniel S. Papp. Nav War Col Rev 35:50-68 Jul-Aug '82

How the Soviet guard is changed. Paul W. Meek. illus Def & For Aff 10:44-45 Aug '82

The indecisive Russian intelligentsia. Kenneth R. Whiting. AU Rev 33:107-111 Jan-Feb '82

The military and militarism in Soviet society. Dimitri K. Simes. Intl Sec 6:123-143 Winter '81/'82

Moscow's "double succession." Paul Meek. illus Def & For Aff 10:30-31 Oct '82

On the death of (Mikhail Andreivich) Suslov, the secret boss. Stefan T. Possony. Def & For Aff 10:3+ Jan-Feb '82

Political socialization in the Soviet military. Ellen Jones and Fred W. Grupp. Armed Forces & Soc 8:355-387 Spring '82

Russia's new Stalin (Leonid I. Brezhnev). Albert L. Weeks. illus Mil Sci & Tech 2: 36-39+ '82

(Soviet Union) their fourth succession. BrigGen E.F. Black, Ret. illus US Nav Inst Proc 108:102-108 Oct '82

Some perspectives on terrorism and the Soviet Union. Yonah Alexander. Intl Sec Rev 7: 35-45 Spring '82

The strategic importance of Turkestan for the Soviet Union and the Muslim world. Baymirza Hayit. map Islamic Def Rev 7, No.3:7-11 '82

Organization

Wind of change for the Soviet high command. Robert Hutchinson. Intl Def Rev 15, No.4: 386-387 '82

Social Conditions

Major General Pyotr Grigorenko--Soviet heretic. Marius Gaius. illus Mil Rev 62: 2-14 Oct '82

(Soviet Union) their fourth succession. BrigGen E.F. Black, Ret. illus US Nav Inst Proc 108:102-108 Oct '82

SPAATZ, Carl

The pioneer plan for air war. DeWitt S. Copp. AF Mag 65:74-78 Oct '82

SPACE

Space colonization--logistics dependent.
Log Spectrum 16:7 Fall '82

A space mystery: Quest of '10th planet.'
John Ginovsky. AF Times 42:17 Jul 12 '82

Commercial Applications

Preventing World War III--how to neutralize the numbers by exploiting defense in the "high frontier." LtGen Daniel Graham, Ret. Presentation, Hillsdale College's Center for Constructive Alternatives, Hillsdale, MI, Feb 1981. por illus Govt Exec 14:16+ Jul '82

International Aspects

For peace or for war? Competition in the control of outer space. Hubert Curien. illus NATO's Fifteen Nations 27:18-20 Apr-May '82

Foreign competition threatens U.S. leadership in space. Signal 37:106-107 Sep '82

Military Applications

See also
Space Warfare

Advance to the high ground (military space projects). MSgt Alan Prochoroff. illus Airman 26:26-32 Apr '82

Air Force's new Space Command: What it means to national security's future. Govt Exec 14:20+ Jul '82

3
Dr. Eberhardt Rechtin: C is the heart of any war in space. Martha Smith. illus Mil Elect/Countermeasures 8:9-10+ Nov '82

GAO to Services: Stop space role squabbling. Leonard Famiglietti. AF Times 42:7 Feb 15 '82

Hill criticizes plans for new space center. John Ginovsky. AF Times 42:2 Jul 5 '82

Implications of space to the U.S. Navy. Eberhardt Rechtin. Signal 36:57-59 Mar '82

Launch forecasting and reporting requirements. TIG Brief 34:21 Jul 9 '82

(LtGen Richard C.) Henry: Focus on safe space electronics. Leonard Famiglietti. Interview. illus por AF Times 43:27+ Nov 1 '82

The military uses of space. Jean Petitfour. illus Asian Def J No.4:62 '82

Orr hopes for separate space command by '85. Leonard Famiglietti. AF Times 42:6 Feb 8 '82

Partners today for tomorrow--the Air Force and the space shuttle. Maj James P. Moore. illus AU Rev 33:20-27 May-Jun '82

Preventing World War III--how to neutralize the numbers by exploiting defense in the "high frontier." LtGen Daniel Graham, Ret. Presentation, Hillsdale College's Center for Constructive Alternatives, Hillsdale, MI, Feb 1981. por illus Govt Exec 14:16+ Jul '82

SPACE - ContinuedMilitary Applications - Cont'd

(Rep Ken) Kramer pushes space command. Leonard Famiglietti. AF Times 42:1+ May 31 '82

SPACECOM begins task of building units. Leonard Famiglietti. illus AF Times 43:10 Sep 20 '82

SPACOM (Space Command) seen reducing chances for nuclear war. Leonard Famiglietti. AF Times 42:7 Jun 7 '82

Some strategic implications of breakthroughs in C³I. George H. Quester. Signal 36:25-28+ Mar '82

The Soviet military space program. illus map tabs Intl Def Rev 15, No.2:149-152 '82

The Soviet military space program. Maj-Gen Edward Fursdon. illus Pac Def Rep 8:62-64 May '82

Space command on target for Sept. 1. Leonard Famiglietti. AF Times 42:1+ Jul 5 '82

Space is a place. Interview. LtGen Richard C. Henry. illus por AF Mag 65:36-42 Jun '82

Space lasers and responsibility. Angelo Codevilla. Def Elect 14:21+ Sep '82

Space power doctrine. LtCol Dino A. Lorenzini. illus AU Rev 33:16-21 Jul-Aug '82

Space: The new frontier for EW system development. John Haystead. illus J of Elect Def 5:65-66+ Oct '82

Space warfare in perspective. Ronald D. Humble. AU Rev 33:81-86 Jul-Aug '82

The strategic value of space-based laser weapons. Barry J. Smernoff. illus AU Rev 33:2-17 Mar-Apr '82

U.S. aerospace force? Cong Ken Kramer. illus Officer 58:14-16 Feb '82

U.S. against arms race in outer space. Leonard Famiglietti. AF Times 43:2 Jul 26 '82

Will radical new concept change U.S. national strategy? LtGen Daniel O. Graham, Ret. illus tab Mil Elect/Countermeasures 8:8+ Aug '82

Scientific Applications

See also
Satellites, Artificial--Scientific Applications

SPACE CLOTHING

See also
Pressure Suits

SPACE COMMAND

Air Force's new Space Command: What it means to national security's future. Govt Exec 14:20+ Jul '82

(LtGen Richard C.) Henry: Focus on safe space electronics. Leonard Famiglietti. Interview. illus por AF Times 43:27+ Nov 1 '82

SPACE COMMAND - Continued

- (Rep Ken) Kramer calls for unified multi-service space agency. AF Times 43:23 Dec 27 '82
- (Rep Ken) Kramer pushes space command. Leonard Famiglietti. AF Times 42:14 May 31 '82
- SPACECOM begins task of building units. Leonard Famiglietti. illus AF Times 43:10 Sep 20 '82
- SPACOM (SPace COMMAND) seen reducing chances for nuclear war. Leonard Famiglietti. AF Times 42:7 Jun 7 '82
- Space Command activated at Peterson (AFB, CO). Leonard Famiglietti. illus AF Times 43:14 Sep 13 '82
- Space Command: Facts about the formation. TIG Brief 34:13-14 Sep 13 '82
- Space Command formed as space race heats up. Deborah G.Meyer. illus Armed Forces J Intl 119:144 Aug '82
- Space Command: Setting the course for the future. Edgar Ulsamer. illus AF Mag 65: 48-514 Aug '82
- A space mystery: Quest of '10th planet.' John Ginovsky. AF Times 42:17 Jul 12 '82
- Space: The fourth dimension. Edgar Ulsamer. illus AF Mag 65:102-104 Nov '82
- Space: The new frontier for EW system development. John Haystead. illus J of Elect Def 5:65-66+ Oct '82

SPACE COMMUNICATIONS

- See also
Satellites, Artificial--Communication Applications
- From smoke signals to spread spectrum, military communications decides who wins the war. Irving M.Gottlieb. tabs Mil Elect/Countermeasures 8:42-47 Dec '82
- Space is a place. Interview. LtGen Richard C. Henry. illus por AF Mag 65:36-42 Jun '82
- Thomson--CSF in microwave and space communication. Col Norman L.Dodd. illus Pac Def Rep 8:33-34 Mar '82

SPACE CREWS

- See also
Astronauts

Flying the shuttle. (Interview with Col Karol J.Bobko) illus MAC Flyer 29:16-19 Apr '82

SPACE DEBRIS

- Rezoning would allow houses in path of shuttle debris. John Ginovsky. AF Times 42:7 May 3 '82
- Silent runs the parade (NORAD's Space Defense Operations Center (SPADOC) keeps track of man-made space objects). MSgt David B. Drachlis. illus Airman 26:10-13 Aug '82

SPACE DEFENSES

- NORAD adds radar, optics to increase space defense. David M.Russell. illus Def Elect 14:82-86 Jul '82
- New U.S. space policy accents defense role. Leonard Famiglietti. AF Times 42:5 Jul 19 '82
- On the military use of space. Ronald D. Humble. illus RUSI J for Def Studies 127:38-45 Sep '82
- The resurgence of strategic defense. Gen James V.Hartinger. illus Defense/82, pp 30-36, Jun '82
- SPACECOM begins task of building units. Leonard Famiglietti. illus AF Times 43:10 Sep 20 '82
- SPACOM (SPace COMMAND) seen reducing chances for nuclear war. Leonard Famiglietti. AF Times 42:7 Jun 7 '82
- Selling the high frontier defense strategy. Interview. illus por Def Elect 14:169-170+ Oct '82
- The Soviet military space program. Maj-Gen Edward Fursdon. illus Pac Def Rep 8:62-64 May '82
- Space-based laser BMD (Ballistic Missile Defense): Strategic policy and the ABM Treaty. Keith B.Payne and Rebecca V. Strode. Intl Sec Rev 7:269-288 Fall '82
- Space Command formed as space race heats up. Deborah G.Meyer. illus Armed Forces J Intl 119:144 Aug '82
- Space power doctrine. LtCol Dino A.Lorenzini. illus AU Rev 33:16-21 Jul-Aug '82
- The strategic value of space-based laser weapons. Barry J.Smernoff. illus AU Rev 33:2-17 Mar-Apr '82
- U.S. against arms race in outer space. Leonard Famiglietti. AF Times 43:2 Jul 26 '82

SPACE DETECTION AND TRACKING SYSTEM

- NORAD adds radar, optics to increase space defense. David M.Russell. illus Def Elect 14:82-86 Jul '82

SPACE FLIGHT

- See also
Space Vehicles
- Missiles and astronautics. Regular feature in some issues of National Defense
- Supporting the space shuttle: The blue-suit contribution. William P.Schlitz. illus AF Mag 65:44-51 Jun '82
- Commercial Applications
See Space--Commercial Applications
- International Aspects
See Space--International Aspects

SPACE FLIGHT - ContinuedManned Flights

For peace or for war? Competition in the control of outer space. Hubert Curien. illus NATO's Fifteen Nations 27:18-20 Apr-May '82

Manned Flights, American

Flying the shuttle. (Interview with Col Karol J. Bobko) illus MAC Flyer 29:16-19 Apr '82

Space pioneers. Capt Albert V. Chapman III. illus AF Mag 65:60-64 Jun '82

Manned Flights, Russian

Outer space for man--a Soviet vision. Georgy Petrov. illus NATO's Fifteen Nations 27:42-44 Apr-May '82

Soviet manned space flight--is Soviet technology out of date? Arthur Smith. tab illus Mil Elect/Countermeasures pt 1, 8:38-41 Jul '82

The Soviet military space program. illus map tabs Intl Def Rev 15, No.2:149-152 '82

Physiological Aspects

See also
Weightlessness

SPACE INDUSTRY AND TRADE see Aerospace Industry and Trade

SPACE LABORATORIES see Space Stations

SPACE NAVIGATION

See also
Satellites, Artificial--Navigation Applications

SPACE POLICYGreat Britain

Space policy--a real shift of will? illus Interavia 37:802-803 Aug '82

United States

GAO to Services: Stop space role squabbling. Leonard Famiglietti. AF Times 42:7 Feb 15 '82

New U.S. space policy accents defense role. Leonard Famiglietti. AF Times 42:5 Jul 19 '82

(Rep Ken) Kramer pushes space command. Leonard Famiglietti. AF Times 42:1+ May 31 '82

SPACOM (SPAcE COMmand) seen reducing chances for nuclear war. Leonard Famiglietti. AF Times 42:7 Jun 7 '82

Space command on target for Sept. 1. Leonard Famiglietti. AF Times 42:1+ Jul 5 '82

SPACE POLICY - ContinuedUnited States - Cont'd

Space power doctrine. LtCol Dino A. Lorenzini. illus AU Rev 33:16-21 Jul-Aug '82

Space: The fourth dimension. Edgar Ulsamer. illus AF Mag 65:102-104 Nov '82

U.S. against arms race in outer space. Leonard Famiglietti. AF Times 43:2 Jul 26 '82

SPACE PROGRAMS

Aerospace world. Regular feature in issues of Air Force Magazine

Foreign competition threatens U.S. leadership in space. Signal 37:106-107 Sep '82

The world of aerospace. Regular feature in issues of Interavia

France

France in space--number three tries hardest. Chris Bulloch and Pierre Condom. illus Interavia 37:1207-1210 Nov '82

Space launcher systems--who's out in front? Chris Bulloch. illus Interavia 37:1281-1283 Dec '82

Germany (West)

DFVLR: Germany's mini-NASA has similar max problems. illus Interavia 37:344-346 Apr '82

Great Britain

Space policy--a real shift of will? illus Interavia 37:802-803 Aug '82

Pakistan

Space research in Pakistan. Salim Mehmud. illus Islamic Def Rev 7, No.3:26-30 '82

Soviet Union

Anti-satellite systems and U.S. options. Francis X. Kane. illus Strat Rev 10:56-64 Winter '82

Beam weapons in space--a reality we must confront. Maj Steven E. Cady. AU Rev 33:33-39 May-Jun '82

The conquest of outer space goes on. Col Yu. Vanin. illus Soviet Mil Rev No.9:35-36 Sep '82

The future of Soviet space exploration. Yuri Zaitsev. Aviation, Space & Envmt Med 53:73-75 Jan '82

Military power is the root of Soviet expansionism. Edgar Ulsamer. AF Mag 65:38-42+ Mar '82

Outer space for man--a Soviet vision. Georgy Petrov. illus NATO's Fifteen Nations 27:42-44 Apr-May '82

SPACE PROGRAMS - ContinuedSoviet Union - Cont'd

Soviet manned space flight--is Soviet technology out of date? Arthur Smith. tab illus Mil Elect/Countermeasures pt 1, 8:38-41 Jul '82

The Soviet military space program. Maj-Gen Edward Fursdon. illus Pac Def Rep 8:62-64 May '82

Soyuz and Salyut: Stepping-stones to a permanent Soviet space station? Rolf Engel. illus tabs Interavia 37:173-177 Feb '82

Space Command: Setting the course for the future. Edgar Ulsamer. illus AF Mag 65: 48-51+ Aug '82

United States

(Politics of space) Rep Don Fuqua. Interview. por tab Mil Sci & Tech 2:22-27 '82

Toward adequate airpower for tomorrow (Policy paper, adopted at AFA's Annual National Convention, Sep 14, 1982). AF Mag 65:44-53 Nov '82

U.S. Air Force R&D: Meeting the challenge. illus Mil Tech 6:79-80+ Oct '82

United States--Air Force

Hill criticizes plans for new space center. John Ginovsky. AF Times 42:2 Jul 5 '82

Hill report: 2d shuttle site to cost \$882M. John Ginovsky. AF Times 42:3 Apr 19 '82

Partners today for tomorrow--the Air Force and the space shuttle. Maj James P. Moore. illus AU Rev 33:20-27 May-Jun '82

Space command on target for Sept. 1. Leonard Famiglietti. AF Times 42:1+ Jul 5 '82

Space is a place. Interview. LtGen Richard C. Henry. illus por AF Mag 65:36-42 Jun '82

Space pioneers. Capt Albert V. Chapman III. illus AF Mag 65:60-64 Jun '82

USAF's investment in the national space transportation system. William P. Schlitz. illus AF Mag 65:106-112 Nov '82

The Vandenburg seven (AF contributions to space shuttle development). MSgt Alan Prochoroff. illus Airman 26:28-35 Mar '82

United States--Army

Army aviation--a partner in the space program. Betty J. Goodson. illus USA Avn Dig 28:22-23 Jan '82

United States--National Aeronautics and Space Administration

1st black, woman selected for shuttle missions. AF Times 42:4 May 3 '82

SPACE PROGRAMS - ContinuedUnited States--National Aeronautics and Space Administration - Cont'd

LtGen James A. Abrahamson: "The shuttle is the key to reducing space costs." LtGen Eugene F. Tighe, Ret. illus por Mil/Elect Countermeasures 8:62-64 Dec '82

Partners today for tomorrow--the Air Force and the space shuttle. Maj James P. Moore. illus AU Rev 33:20-27 May-Jun '82

Space launcher systems--who's out in front? Chris Bulloch. illus Interavia 37:1281-1283 Dec '82

United States--Navy

Implications of space to the U.S. Navy. Eberhardt Rechtin. Signal 36:57-59 Mar '82

"Technology PUSH": Opportunities in space. ADM Thomas B. Hayward. Signal 36:19-20+ Mar '82

SPACE RACE

See also
Space--International Aspects

SPACE RESEARCH

See also
Space--International Aspects
Space Programs

Observation in space--past, present and future. Jens Arnbak. tab illus NATO's Fifteen Nations 27:22-25+ Apr-May '82

Germany (West)

DFVLR: Germany's mini-NASA has similar maxiproblems. illus Interavia 37:344-346 Apr '82

Pakistan

Space research in Pakistan. Salim Mehmud. illus Islamic Def Rev 7, No.3:26-30 '82

Soviet Union

Effects of space flight factors at the cellular level: Results of the Cytos experiment. Hubert Planel and others. illus tabs Aviation, Space & Envmt Med 53:370-374 Apr '82

Outer space for man--a Soviet vision. Georgy Petrov. illus NATO's Fifteen Nations 27: 42-44 Apr-May '82

SPACE SHUTTLES see Space TransportersSPACE STATIONS

Soyuz and Salyut: Stepping-stones to a permanent Soviet space station? Rolf Engel. illus tabs Interavia 37:173-177 Feb '82

SPACE TAXIS see Space Transporters

SPACE TRANSPORTERS

Advance to the high ground (military space projects). MSgt Alan Prochoroff. illus Airman 26:26-32 Apr '82

Columbia: Saga of a spaceship. SMSgt Gerald H. Smith. illus Air Reservist 34:12-15 Dec '81/Jan '82

Dexterity for the space shuttle--a training simulator for the remote manipulator system. Tom Weissmann. illus Interavia 37: 454-455 May '82

Flying the shuttle. (Interview with Col Karol J. Bobko) illus MAC Flyer 29:16-19 Apr '82

Hill report: 2d shuttle site to cost \$882M. John Ginovsky. AF Times 42:3 Apr 19 '82

LtGen James A. Abrahamson: "The shuttle is the key to reducing space costs." LtGen Eugene F. Tighe, Ret. illus por Mil/Elect Countermeasures 8:62-64 Dec '82

Managing the space shuttle's paperwork. illus Govt Exec 14:42-45 Nov-Dec '82

One step forward--three steps backup: Computing in the U.S. space program. Patrick Stakem. illus tab Mil Elect/Countermeasures pt 1, 7:65-69 Dec '81; pt 2, 8:70+ Jan '82

Partners today for tomorrow--the Air Force and the space shuttle. Maj James P. Moore. illus AU Rev 33:20-27 May-Jun '82

Rezoning would allow houses in path of shuttle debris. John Ginovsky. AF Times 42:7 May 3 '82

Rocket transport: The ultimate Rapid Deployment Force. Philip Bono. illus MarCor Gaz 66:38-45 Mar '82

Supporting the space shuttle: The blue-suit contribution. William P. Schlitz. illus AF Mag 65:44-51 Jun '82

USAF's investment in the national space transportation system. William P. Schlitz. illus AF Mag 65:106-112 Nov '82

The Vandenburg seven (AF contributions to space shuttle development). MSgt Alan Prochoroff. illus Airman 26:28-35 Mar '82

Maintenance and Repair

The space shuttle--logistics challenges. LtCol James L. Graham, Jr. AF J Log 6:23-25 Summer '82

SPACE VEHICLES

See also
Satellites, Artificial
Space Stations
Space Transporters

Observation in space--past, present and future. Jens Arnbak. tab illus NATO's Fifteen Nations 27:22-25+ Apr-May '82

SPACE VEHICLES - Continued

One step forward--three steps backup: Computing in the U.S. space program. Patrick Stakem. illus tab Mil Elect/Countermeasures pt 1, 7:65-69 Dec '81; pt 2, 8:70+ Jan '82

The Soviet military space program. Maj-Gen Edward Fursdon. illus Pac Def Rep 8:62-64 May '82

Components

Space-hardened microelectronics bring new advances. D. Howard Phillips. illus Mil Elect/Countermeasures 8:76-78 Aug '82

Detection

See also
Space Detection and Tracking System

Electronic Equipment
See Electronic Equipment (Space Vehicles)

Power Supply

Space nuclear power system safety reviews. TIG Brief 34:14 Mar 5 '82

Safety Measures

Space nuclear power system safety reviews. TIG Brief 34:14 Mar 5 '82

Tracking

See also
Space Detection and Tracking System

SPACE WARFARE

Anti-satellite systems and U.S. options. Francis X. Kane. illus Strat Rev 10:56-64 Winter '82

Beam weapons in space--a reality we must confront. Maj Steven E. Cady. AU Rev 33:33-39 May-Jun '82

Dr. Eberhardt Rechtin: C is the heart of any war in space. Martha Smith. illus Mil Elect/Countermeasures 8:9-10+ Nov '82

A new duel: Antisatellite combat in space. LCDR K.L. Eichelberger. Nav War Col Rev 35: 41-47 May-Jun '82

Particle beam weapons. Kurt Arbenz. illus Armada Intl 6:74+ Jul-Aug '82

Some strategic implications of breakthroughs in C³I. George H. Quester. Signal 36:25-28+ Mar '82

Space-based laser battle stations. Kurt Arbenz. illus Armada Intl 6:68+ Jul-Aug '82

Space warfare in perspective. Ronald D. Humble. AU Rev 33:81-86 Jul-Aug '82

The strategic value of space-based laser weapons. Barry J. Smernoff. illus AU Rev 33:2-17 Mar-Apr '82

SPACE WARFARE - Continued

Tactical electronic combat in space. Maj Kirk B.Reed, Ret. illus J of Elect Def 5:47-52 Nov '82

SPAIN

Close up on Spain. Guidelines of the Spanish defence policies. Interview with Alberto Oliart Saussol, Minister of Defence. illus Mil Tech 6:79-81 Mar '82

Foreign RelationsNATO

Iberia: The new blood for a sorely-trying Europe. Dennis Culkin. illus Def & For Aff 9, No.14:6-9+ '81

Socialists outline Spain's new defense policy. R.Luria. Intl Def Rev 15, No.11:1501 '82

Spain and NATO. Capt Ramón Jaudenes Agacino. map illus Intl Def Rev 15, No.5:549-550 '82

Spain and NATO. Col Jonathan Alford. Intl Def Rev 15, No.4:385-386 '82

Spain and NATO: ¿Como va? LT Shannon Keenan. illus map US Nav Inst Proc 108:117-120 Apr '82

Portugal

Spain and NATO: ¿Como va? LT Shannon Keenan. illus map US Nav Inst Proc 108:117-120 Apr '82

United States

Socialists outline Spain's new defense policy. R.Luria. Intl Def Rev 15, No.11:1501 '82

Strategic Importance

The role of the Spanish Navy in the Atlantic and the Mediterranean. Adm Saturnino Suanzes de la Hidalga. illus maps NATO's Fifteen Nations Special Issue No.2:80-83 '82

Spain and NATO. Capt Ramón Jaudenes Agacino. map illus Intl Def Rev 15, No.5:549-550 '82

SPANISH-AMERICAN WAR, 1898

Guantanamo Bay: A doubly important advanced base. Bradley M.Reynolds. illus map MarCor Gaz 66:62-68 Nov '82

Logistics problems of the Cuban Campaign (of 1898). Capt Dale M.Rhodes. illus Army Log 14:28-32 May-Jun '82

SPARE PARTS

See also
Airplanes--Spare Parts

Alternatives in provisioning computational methodology. Bernard C.Price. tabs Log Spectrum 15:14-19 Winter '81

SPARE PARTS - Continued

From '1' to '10' in readiness. Ronald W.Harlow and Col John S.Drosdeck, Jr. illus Army Log 14:30-33 Jul-Aug '82

Getting more from DLA (Defense Logistics Agency). Capt Andrew J.Ogan. AF J Log 6:12-14 Spring '82

High mobility: An urgent requirement for the U.S. armed forces. J.Philip Geddes. illus tab Intl Def Rev 15, No.5:581-584 '82

Making PLL (Prescribed Load Lists) and ASL (Authorized Stockage Lists) combat ready. Army Log 14:33 Jan-Feb '82

Resources allocation--the F-100 engine experience. Maj Philip J.Williams. tabs AF J Log 6:15-19 Spring '82

Selecting and stocking repair parts realistically. Sgt1C Tommy L.Alexander, Ret. illus Army Log 14:36-37 May-Jun '82

The sexual life of a mathematical model. SqLdr D.J.Seaton. Log Spectrum 16:27-29 Fall '82

Sparing to availability. Nancy L.Orndorff. tabs illus Log Spectrum 16:30-34 Spring '82

SPATIAL DISORIENTATION

Spatial disorientation, a new perspective. Capt Jay A.Winzenried. Flying Safety 38:9-12 Nov '82

SPECIAL DUTY PAY

GAO: Troops in (El) Salvador got fire pay. Paul Smith. AF Times 43:12 Aug 16 '82

SPECIAL EXPERIENCE IDENTIFIERS see Personnel Classification--Air Force--U.S.

SPECIAL FORCES

Operation Jonathan: The rescue at Entebbe. LtCol Jonathan (Yoni) Netanyahu. Interview maps Mil Rev 62:2-23 Jul '82

SPECIAL WARFARE see Unconventional Warfare

SPECIALISTS see Manpower, Technical

SPECIFIED COMMANDS

See also Specified Commands by name,
e.g.,
Military Airlift Command
Strategic Air Command

SPEED, AIR see Air-Speed

SPIES AND SPYING see Espionage

SPIRO, Robert H., Jr

WW II Kate tactic like new Exocet. RADM Robert H.Spiro, Jr, Ret. illus Officer 58:15-17 Oct '82

SPORTS

Building winners for the playing field and the battlefield. Capt Richard G. Priem and Jim Myers. illus Mil Rev 62:38-49 Nov '82

Warring on skis. 2dLt Frank T. Matheson. illus Natl Guard 36:22-24 Mar '82

SPRATLEY ISLANDS

The South China Sea: Competing claims and strategic conflicts. Justus M. van der Kroef. map Intl Sec Rev 7:305-329 Fall '82

SQUADRON OFFICER SCHOOL

The junior officer of the 1980s: The situational professional. Capt James H. Slagle. tabs AU Rev 33:90-96 Nov-Dec '81

STAFF COLLEGES

Air Force--U.S.

See also
Air War College

Army--U.S.

See also
Command and General Staff College

Command and Staff College selection procedures. USA Avn Dig 28:29 Nov '82

Marine Corps--U.S.

C&SC (U.S. Marine Corps Command and Staff College): Prospectus for the 1980s. LtCol Russel A. Emerson. illus tab MarCor Gaz 66:62-67 Aug '82

STAFF OFFICERS

Air Force

General (Charles A.) Gabriel nominated AF C/S. por AF Times 42:3 Mar 29 '82

STAFFS, MILITARY

See also
Air Staff
Army General Staff
Joint Chiefs of Staff

Wind of change for the Soviet high command. Robert Hutchinson. Intl Def Rev 15, No. 4: 386-387 '82

STANDARD OF LIVING see Cost and Standard of LivingSTANDARDIZATION AND INTEROPERABILITY

AUS-CAN-what? Comdr Robert Howell. illus Signal 37:35-37 Sep '82

Action 21: Standard operation and support systems. Col Walker A. Larimer. Concepts 5:50-59 Summer '82

STANDARDIZATION AND INTEROPERABILITY - Continued

Behind the blade: Supporting the cutting edge. Robert Jarman. illus Def & For Aff 10:6-8+ Oct '82

Computer programming--profession or pastime? William A. Delaney. Signal 37:51-54 Sep '82

DIVAD to shield U.S. Army divisions from air attack. Felix Müller. illus tabs Armada Intl 6:32-34+ Jan-Feb '82

DOD policy for acquisition of embedded computer resources. H. Mark Grove. illus tabs Concepts 5:9-36 Autumn '82

Divorce in the family of weapons (NATO's lack of standardization). Richard Sale. illus Def & For Aff 10:4-7 Mar '82

FINABEL (Organization for Land Force Chiefs of Staff from seven (NATO) member nations) coordination committee. Col Jean Laimay. illus NATO's Fifteen Nations 27:86-88 Aug-Sep '82

The future of standardization in NATO. Maj Laurence R. Sadoff. illus tab Mil Rev 62: 47-54 Feb '82

German/United States--field artillery interoperability training. Maj Louis J. Hansen. illus Fld Arty J 50:8-12 May-Jun '82

The impact on our future military capabilities with improved C³I. Gen W. DePuy, Ret. Signal 36:47-48 Aug '82

Industry criticizes proposed computer standard (DOD's proposed regulation 5000.5X.) Robert Johnston. Def Elect 14:22+ Sep '82

Interoperability training: Collocation of FDCs (Fire Direction Center). Capt Mark L. Uhart and 1stLt Scott E. Lacagnin. illus Fld Arty J 50:48-50 May-Jun '82

Interoperability works. LtGen Eugene P. Forrester. illus Infantry 72:6-8 Jan-Feb '82

Measure for measure: DOD plans for metrics. Gary R. Dillard. Def Mgt J 18:44-47 Second Quarter '82

Military computers in transition: Standards and strategy. Louise Giovane Becker. Concepts 5:37-47 Autumn '82

Military standardization is the backbone of IC qualification. Mary Valmoja. Mil Elect/Countermeasures 8:84-85 Aug '82

NATO logistics support: Process and perspective. Maj Jeffrey W. Cook. AF Law Rev 22, No. 3:282-301 '81/'82

New avionics, mil standards increase aircraft capabilities. illus Def Elect 14:34+ Sep '82

New trends in Infantry weapons. Jacques Lenaerts. illus tabs Mil Tech 6:10+ Mar '82

The politics of defence expenditure. William J. Perry and Walter B. LaBerge. illus NATO's Fifteen Nations 26:22-26 Dec '81-Jan '82

STANDARDIZATION AND INTEROPERABILITY - Continued STARS

RSI (Rationalization, Standardization and Interoperability) report. USA Avn Dig 28: 22-23 Sep '82

Reliability monitor program complements MIL-STD-883. William Scheld, Jr and Richard Davis. illus tab Mil Elect/Countermeasures 8:82-83 Aug '82

Sea Sparrow (NATO surface-to-air missile system). Christian Eliot. illus tab NATO's Fifteen Nations 26:44-46 Dec '81-Jan '82

Standardization of combat vehicle load plans. illus Air Def Mag, pp 23-25, Apr-Jun '82

Standardization of M102 howitzer section equipment and crew drill. Maj George P. Coan, Jr. illus Fld Arty J 50:50-54 Jan-Feb '82

A technical overview of the Joint Tactical Communications System. Jeffrey Vignes and David Furniss. illus Signal 37:43-49 Nov '82

Test bed concepts in the Tactical Air Command. Col Denis Brown. illus Signal 36: 100-102 Aug '82

Trial mace--NATO cooperation. LtCol William D.Fritz, Jr. illus J of Elect Def 5:56-59+ May '82

The unbuilt street--defense industrial cooperation within the Alliance. Thomas A. Callaghan, Jr. illus NATO's Fifteen Nations 27:26+ Oct-Nov '82

U.S. and Soviet ship design practices, 1950-1980. CAPT James W.Kehoe, Ret. and others. illus tabs US Nav Inst Proc 108:118-133 May '82

War in the South Atlantic--the naval communications challenge. Capt A.R.Wood. illus Signal 37:84-86 Dec '82

Why leave training to amateurs? Sgt1C Paul D.Hanson. illus Mil Rev 62:40-44 May '82

Why the "ilities" in C³ are "survive" and "interoperate." Govt Exec 14:12+ Jun '82

STANDARDS OF CONDUCT

Beware of minicomputer purchases. TIG Brief 34:21 Oct 25 '82

The ethical charge to counsel. Capt Alan J. Spilker. AF Law Rev 22:101-119 '80/'81

STANSBERRY, James W.

General (James W.) Stansberry. Interview. por illus J of Elect Def 5:49-58+ Jul '82

"The name of the game is not technology or advancing science, it's to be better than the Soviets are." Interview. LtGen James W.Stansberry. illus por Armed Forces J Intl 119:24+ Feb '82

Revitalizing defense industries: The DOD-industry partnership. LtGen James W.Stansberry. Def Mgt J 18:2-6 First Quarter '82

One-shot night celestial. Capt Michael J. Sieverding. illus tabs Navigator 29:27-31 Spring '82

Star identification. tabs Navigator pt 1, 28:15-19 Summer '81; pt 2, 28:21-24 Winter '81; pt 3, 29:22-24 Spring '82

STATE DEPT

Office of Supply Transportation and Procurement--Department of State. David E.L'Heureux. illus charts Def Trans J 38:12-14 Feb '82

Should American Ambassadors have to travel abroad as "second-class" citizens? W.Eric Casey. Armed Forces J Intl 119:28 Apr '82

STATISTICS

Here are entered articles on statistical theory and methods. For statistical information on a specific subject see the subdivision Statistics under the specific subject.

STEALTH CONCEPT

Indication of microwave propagation--a development in stealth technology. George Gibbs. illus Asian Def J No.1:74-75 Jan '82

Strategic forces: The Reagan story. Colin S. Gray. Intl Sec Rev 6:437-447 Winter '81/'82

STEELStatistics

The sinews of war--the most basic of America's defense industries faces lean times. Paul Seidenman. illus Sea Power 25:21-22+ Aug '82

STEVENS, Lynn H.

Spanning the logistics gulf--DARCOM--Europe. BrigGen Lynn H.Stevens. Army Log 14:19-21 Nov-Dec '82

STEVENS, Ted

Theodore F.Stevens. Deborah M.Kyle. Interview. por Armed Forces J Intl 119:12-13 Aug '82

STEWARDS AND STEWARDESSES see Cabin CrewsSTOCKPILING

Munition stock-level requirements: Are they accurate? TIG Brief 34:7 Feb 19 '82

Past is prologue: Strategic materials and the defense industrial base. John D.Morgan. tab Def Mgt J 18:14-19 First Quarter '82

A program to reduce America's materials vulnerability: President, Congress join forces to close minerals deficit. John T.Correll. illus tab map Sea Power 25:55+ Jun '82

STOCKPILING - Continued

Strategic materials: An American Achilles' heel. Maj Cecil J. Smith. tabs AF J Log 6:28-31 Spring '82

STOLAROW, Jerome H.

Air Force Audit Agency. illus por AF Mag 65: 118+ May '82

Auditor General. Regular feature in issues of Air Force Comptroller

STORAGE

Chemical defense equipment--a perception. LtCol Thomas H. Fletcher. illus Army Log 14:26-27 May-Jun '82

Estimating in-transit storage capacity. Capt Jeffrey C. Hilton. tab illus Army Log 14: 22-25 Nov-Dec '82

Interns visit Topeka (Regional Storage Management Office). illus Translog 13:17-18 Apr '82

A numbered Air Force approach to explosives site plan management. TIG Brief 34:19 Jun 11 '82

POMCUS (Prepositioning Of Materiel Configured in Unit Sets): Feasibility or flaw? Moving thousands of troops to dozens of sites to draw equipment. Col W.D. McGlasson, Ret. illus Natl Guard 36:19-22 Apr '82

Word processing for warehouse inventory control. Richard Foster II. Army Log 14:36-37 Mar-Apr '82

STRAITS see WaterwaysSTRATEGIC AIR COMMAND

See also
Air Force, 8th
Air Force, 15th

B-52 operations in . . . Bright Star. Maj David A. Dick. illus Combat Crew 32:14-17 Sep '82

Inside the looking glass (SAC airborne command post). Capt Katie Cutler. illus Airman 26:7-12 Sep '82

Linebacker II: Ten years in retrospect. LtGen George D. Miller. illus por Combat Crew 32:2-7 Sep '82

A look behind the scenes (SAC Missile Combat Competition). Capts Robert E. Wood and Arthur E. Baer. illus Combat Crew 32:8-9 Apr '82

SAC aircraft in the VFR (Visual Flight Rules) environment. LtGen Robert T. Herres. por Combat Crew 32:2-3 Feb '82

SAC gaining second USAFR associate unit. illus Officer 58:14-15 Sep '82

SAC trains the way it would fight. Maj Bruce Eickhoff. illus AF Mag 65:62-66 Feb '82

STRATEGIC AIR COMMAND - Continued

Saving the B-52: Operation Power Flite. Capt Bud Baker and Dennis Casey. illus Combat Crew 32:4-6 Jan '82

Shifts proposed for basing planes. Leonard Famiglietti. AF Times 42:1+ Feb 22 '82

Strategic Air Command. illus charts por AF Mag 65:104-106 May '82

Twenty years of Titan II. Maj Carl A. Wolfrum, Jr. illus Combat Crew 32:4-6 Feb '82

Wings in competition. illus Combat Crew 32: 4-7+ Apr '82

History

"A smoking radiating ruin at the end of two hours": Documents on American plans for nuclear war with the Soviet Union, 1954-1955. David A. Rosenberg. tab Intl Sec 6: 3-38 Winter '81/'82

STRATEGIC AIR FORCES

See also
Strategic Forces

United States

Air Force--the priority turns to strategic forces. Gen Lew Allen, Jr. illus Defense/82, pp 24-31, Apr '82

The resurgence of strategic defense. Gen James V. Hartinger. illus Defense/82, pp 30-36, Jun '82

The U.S. Air Force today--speed, flexibility, and global reach. John T. Correll. illus Sea Power 25:90+ Apr '82

STRATEGIC ANTIBALLISTIC MISSILE INTERCEPT SYSTEM see Missile DefenseSTRATEGIC ARMS LIMITATION TALKS see Arms ControlSTRATEGIC ARMS REDUCTION TALKS see Arms ControlSTRATEGIC COMMUNICATIONS COMMAND see Army Communications CommandSTRATEGIC FORCES

See also
Strategic Air Forces

N A T O

NATO's estimate of the balance: The meaning for U.S. security policy. Anthony H. Cordesman. tabs map Armed Forces J Intl 119:48+ Aug '82

Theater nuclear arms control and forward-based systems. John Borawski. AU Rev 33: 11-19 May-Jun '82

U.S. forces in Europe: Why and whether? (Adapted from address, Konrad Adenauer Stiftung, Bonn, Sep 5, 1981) Angelo M. Codevilla. Intl Sec Rev 6:465-476 Winter '81/'82

STRATEGIC FORCES - ContinuedSoviet Union

Arms negotiations: Soviet path to power? John J. Ballantine. Intl Sec Rev 6:519-532 Winter '81/'82

Continuity and change in Soviet military organization and concepts. Col William F. Scott, Ret. illus AF Mag 65:43-48 Mar '82

NATO's estimate of the balance: The meaning for U.S. security policy. Anthony H. Cordesman. tabs map Armed Forces J Intl 119:48+ Aug '82

Once under attack, Trident becomes most survivable program. L. Edgar Prina. illus Sea Power 25:81-82+ Jun '82

The Persian Gulf and the correlation of forces. W. Scott Thompson. Intl Sec 7: 157-180 Summer '82

Strategic balance in the 1980's. Andrew C. Tuttle. illus Natl Def 67:22-25 Jul-Aug '82

Strategic uncertainty and nuclear deterrence. Donald M. Snow. Nav War Col Rev 34:27-41 Nov-Dec '81

The United States and the Soviet Union. illus tab Asian Def J pt 1, No. 12:37-38+ Dec '81; pt 2, Asia and Australasia. No. 1:12-15+ Jan '82

Statistics

Soviet strategic forces--the Weinberger view. G. Jacobs. illus map tabs Asian Def J No. 6: 36-38+ Jun '82

United States

(AFCEA) banquet address. Thomas C. Reed. illus Signal 36:25-29 Aug '82

Arms negotiations: Soviet path to power? John J. Ballantine. Intl Sec Rev 6:519-532 Winter '81/'82

DOD perspective and future ³C^I systems. Donald C. Latham. Signal 36:40-43 Aug '82

Deterrence is everybody's business. (Testimony before Senate Foreign Relations Committee) Russell E. Dougherty. illus AF Mag 65:34-36 Jan '82

ICBM vulnerability: The cures are worse than the disease. Albert Carnesale and Charles Glaser. Intl Sec 7:70-85 Summer '82

Issues facing the new administration. Albert C. Pierce. tab AEI For Plcy & Def Rev 3, No. 4-5:47-70 '81

The manned bomber. Gen B. L. Davis. illus por NATO's Fifteen Nations 27:38+ Feb-Mar '82

Marine armor and prepositioned forces. Capts William B. Drennan and Francis A. Schaller. illus Armor 91:26-31 Nov-Dec '82

The new imperatives of U.S. aerospace power. Edgar Ulsamer. AF Mag 65:84-87 Jan '82

STRATEGIC FORCES - ContinuedUnited States - Cont'd

Once under attack, Trident becomes most survivable program. L. Edgar Prina. illus Sea Power 25:81-82+ Jun '82

The Persian Gulf and the correlation of forces. W. Scott Thompson. Intl Sec 7: 157-180 Summer '82

Question for U.S. strategic modernization: Why "ride out" a Soviet attack? Blair Stewart. illus Strat Rev 10:44-52 Spring '82

The Reagan defense program: A focus on the strategic imperatives. Fred Charles Iklé. illus Strat Rev 10:11-18 Spring '82

The Reagan defense program: Can it hold up? Herschel Kanter. illus tabs Strat Rev 10: 19-34 Spring '82

Space-based laser BMD (Ballistic Missile Defense): Strategic policy and the ABM Treaty. Keith B. Payne and Rebecca V. Strode. Intl Sec Rev 7:269-288 Fall '82

Strategic balance in the 1980's. Andrew C. Tuttle. illus Natl Def 67:22-25 Jul-Aug '82

Strategic forces: The Reagan story. Colin S. Gray. Intl Sec Rev 6:437-447 Winter '81/'82

Strategic modernization. James P. Wade, Jr. illus Defense/82, pp 2-11, Oct '82

Strategic uncertainty and nuclear deterrence. Donald M. Snow. Nav War Col Rev 34:27-41 Nov-Dec '81

The United States and the Soviet Union. illus tab Asian Def J pt 1, No. 12:37-38+ Dec '81; pt 2, Asia and Australasia. No. 1:12-15+ Jan '82

U.S. strategic buildup can deter Soviet supremacy. Sen David L. Boren. tab Intl Sec Rev 6:411-436 Winter '81/'82

U.S. strategic forces: How would they be used? Desmond Ball. Intl Sec 7:31-60 Winter '82/'83

Why does the United States need ICBMs? Colin Gray. illus NATO's Fifteen Nations 27:80-84 Aug-Sep '82

STRATEGIC IMPORTANCE see as subdivision under specific country and geographical area

STRATEGIC MATERIALS

America's plutonium predicament. Arnold Kramish. Strat Rev 10:48-54 Summer '82

Facing two critical challenges. Verne Orr. illus por AF Mag 65:74+ May '82

High strategic stakes in Southern Africa. James Hansen. illus tab Natl Def pt 1, 66:42-46 May-Jun '82; pt 2, 67:42-46 Jul-Aug '82

STRATEGIC MATERIALS - Continued

NASA will seek metal alternate. Leonard Fami-
glietti. AF Times 42:29 Jan 25 '82

Past is prologue: Strategic materials and the
defense industrial base. John D.Morgan. tab
Def Mgt J 18:14-19 First Quarter '82

Scarcity and the challenge. Gen James P.
Mullins. AF J Log 6:5-6 Winter '82

The strategic importance of Turkestan for
the Soviet Union and the Muslim world.
Baymirza Hayit. map Islamic Def Rev 7,
No.3:7-11 '82

Strategic materials: An American Achilles'
heel. Maj Cecil J.Smith. tabs AF J Log
6:28-31 Spring '82

Strategic materials: Too much foreign depen-
dence. LtCol L.G.Karch. illus MarCor Gaz
66:28-33 Jun '82

The strategic minerals problem: Our domestic
options. Alwyn H.King. tab Parameters 12:
44-52 Sep '82

Substitution, access, and the finite crust
(U.S. faces potential mineral crisis).
Mary Ann Edwards. illus Sea Power 25:41-
42 Jan '82

Statistics

A program to reduce America's materials vul-
nerability: President, Congress join forces
to close minerals deficit. John T.Correll.
illus tab map Sea Power 25:55+ Jun '82

U.S. foreign policy and the Navy. G.Jacobs.
illus tabs Asian Def J No.7:19-23+ Jul '82

STRATEGIC WARFARE

Defense, war-fighting and deterrence. Colin
S.Gray. Nav War Col Rev 35:38-43 Jul-Aug
'82

STRATEGY

See also as a subdivision under specific
wars, e.g.,
World War II--Strategy

En clair: A monthly report on strategic news.
Regular feature in issues of Defense &
Foreign Affairs

Strategic analysis and MX deployment. Col
Thomas A.Fabyanic, Ret. Adapted from chap-
ter in National Security Issues: Choices
and Limits, edited by Stephen J.Cimbala.
Strat Rev 10:29-35 Fall '82

Strategy and the social dimension in the
1980s. WgComdr Nigel B.Baldwin. AU Rev 33:
112-115 Jan-Feb '82

Winning the airland battle 2000. Judith C.
Anspacher. illus Mil Elect/Countermeasures
8:47-50 Jul '82

STRATEGY - ContinuedAustralia

'Don't go nuclear.' Interview. VADM (David)
Leach. illus Pac Def Rep 8:22-25 Jun '82

Force multipliers and the carrier debate.
J.O.Langtry and Desmond Ball. illus Pac
Def Rep 9:35+ Sep '82

China (People's Republic)

China's defense modernization--of tortoise
shells and tigers' tails. Paul H.B.Godwin.
illus AU Rev 33:2-19 Nov-Dec '81

Denmark

Crisis management in Denmark. Capt Jorgen F.
Bork. illus map US Nav Inst Proc 108:104-
109 Mar '82

France

Mitterand: Directions for the French mili-
tary. Alex Gliksmann. illus Natl Def 66:
25-28+ Jan '82

Germany (West)

German security thinking revisited. Gina
Cowen. RUSI J for Def Studies 127:33-38
Sep '82

Great Britain

The Argentinian adventure in an Australian
setting. A.W.Grazebrook. illus map tabs
Pac Def Rep 8:8-12+ Jun '82

Israel

Israeli military strategy up to the Yom
Kippur War. LtCol Amnon Gurion. AU Rev
33:52-57 Sep-Oct '82

Korea (North)

Armed forces of the Korean peninsula--a com-
parative study. G.Jacobs. tabs illus Asian
Def J No.11:12-14+ Nov '82

Korea (South)

Armed forces of the Korean peninsula--a com-
parative study. G.Jacobs. tabs illus Asian
Def J No.11:12-14+ Nov '82

N A T O

Alternative strategies for the West. François
de Rose. illus NATO's Fifteen Nations 27:
14-17 Jun-Jul '82

Deterrence and arms control--NATO's security
policy. Friedrich Ruth. illus NATO's
Fifteen Nations 27:14-16+ Feb-Mar '82

German security thinking revisited. Gina
Cowen. RUSI J for Def Studies 127:33-38
Sep '82

Inadvertent nuclear war? Escalation and
NATO's Northern Flank. Barry R.Posen. map
Intl Sec 7:28-54 Fall '82

STRATEGY - ContinuedN A T O - Cont'd

Intermediate range nuclear forces--problems and perspectives. Simon Lunn. illus tabs NATO's Fifteen Nations 27:46-48 Feb-Mar '82

Maneuver, mobile defense, and the NATO central front. John J. Mearsheimer. map Intl Sec 6:104-122 Winter '81/'82

Manifesto of a German atlanticist. Franz Josef Strauss. Strat Rev 10:11-15 Summer '82

Military issues within the Atlantic Alliance. Brig Kenneth Hunt. Nav War Col Rev 35:48-57 Sep-Oct '82

Military reform and the art of war. Steven L. Canby. tabs Intl Sec Rev 7:245-268 Fall '82

NATO's new strategy: Defend forward, but strike deep. Benjamin F. Schemmer. illus tabs Armed Forces J Intl pt 1, 120:50-51+ Nov '82; pt 2, Will NATO's C³/EW/I systems let its "strike deep" strategy work? 120: 68-69+ Dec '82

NATO's strategy and credibility. Johannes Steinoeff. illus NATO's Fifteen Nations 27:34-35 Oct-Nov '82

The new defence: The consequences of a credible conventional deterrent on NATO industry-to-industry cooperation. Vitalij Garber. illus tabs NATO's Fifteen Nations Special Issue No.1:64-68 '82

The nondebate over how Army should fight. Col T.N. Dupuy. illus Army 32:34-38+ Jun '82

Public opinion and alliance security. Geoffrey E. Pattie. illus Strat Rev 10:71-79 Spring '82

The security policy options for non-Communist Europe. Maj-Gen Jochen Löser, Ret. illus tabs Armada Intl 6:66-68+ Mar-Apr '82

The Soviet second echelon: Is this a red herring? Col Trevor N. Dupuy, Ret. Armed Forces J Intl 119:60+ Aug '82

UK air defence--a NATO necessity. AVM P.R. Harding. Hawk, pp 15-26, Feb '82; NATO's Fifteen Nations Special Issue No.1:54-55+ '82

Soviet Union

Afghanistan: What impact on Soviet tactics? MSgt William T. Beck and others. illus maps Mil Rev 62:2-11 Mar '82

Annihilation, attrition, and the short war. Earl F. Ziemke. Parameters 12:23-31 Mar '82

Continuity and change in Soviet military organization and concepts. Col William F. Scott, Ret. illus AF Mag 65:43-48 Mar '82

Deterrence: After the golden age. (Ira C. Eaker 1st Prize Essay) Maj Leslie J. Hamblin. AU Rev 33:24-30 Jan-Feb '82

STRATEGY - ContinuedSoviet Union - Cont'd

Disinformation: War with words. AF Mag 65:85-87 Mar '82

Gains for Soviet policy in the Middle East. Shahram Chubin. Intl Sec 6:122-152 Spring '82

High strategic stakes in Southern Africa. James Hansen. illus tab Natl Def pt 1, 66:42-46 May-Jun '82; pt 2, 67:42-46 Jul-Aug '82

Is Soviet strategic doctrine superior? Donald W. Hanson. Intl Sec 7:61-83 Winter '82/'83

The role of C³CM in the air land battle. Col C.B. Eichelberger. illus J of Elect Def 5: 43-46 Jul '82

The Soviet operational manoeuvre group--a new challenge for NATO. C.N. Donnelly. illus Intl Def Rev 15, No.9:1177-1186 '82

Soviet policy in the Far East: Search for strategic unity. Patrick J. Garrity. illus Mil Rev 62:26-38 Dec '82

Soviet political relations with Africa. Henry Bienen. Intl Sec 6:153-173 Spring '82

The Soviet second echelon: Is this a red herring? Col Trevor N. Dupuy, Ret. Armed Forces J Intl 119:60+ Aug '82

Soviet strategic doctrine: Another view. Richard Pipes. Strat Rev 10:52-58 Fall '82. Rebuttal. Raymond L. Garthoff 10:58-63 Fall '82

Soviet strategic objectives in the 1980s. LtCol Robert F. Collins. Mil Rev 62:3-12 Aug '82

The Soviet strategic view. (Excerpts and paraphrases from Soviet strategic-military literature) Regular feature in issues of Strategic Review

Soviet strategy in the Caribbean basin. Jiri Valenta. map illus US Nav Inst Proc 108: 168-181 May '82

The theater nuclear threat. Joseph D. Douglass, Jr. Parameters 12:71-81 Dec '82

U.S. options--and illusions--in Central America. David C. Jordan. illus Strat Rev 10:53-62 Spring '82

United States

(AFCEA) banquet address. Thomas C. Reed. illus Signal 36:25-29 Aug '82

(AFCEA) sustaining members' luncheon address. ADM John G. Williams, Jr. illus por Signal 36:21-23 Aug '82

American strategic posture: A different perspective. Laurence W. Beilenson. Address, Public Policy Seminar, New York University, NY. illus Def Sci 2000+ 1:12-14+ May-Jun '82

C³CM--a deadly art. Maj R.C. Anderson. illus tab J of Elect Def 5:60-63 Apr '82

STRATEGY - ContinuedUnited States - Cont'd

³
C CM: Progress and outlook. MajGen Doyle E. Larson. Def Mgt J 18:6-10 Third Quarter '82

Counterforce and alliance: The ultimate connection. Earl C. Ravenal. Intl Sec 6:26-43 Spring '82

Deterrence: After the golden age. (Ira C. Eaker 1st Prize Essay) Maj Leslie J. Hamblin. AU Rev 33:24-30 Jan-Feb '82

Deterrence and perception. Robert Jervis. Intl Sec 7:3-30 Winter '82/'83

'The essence of our foreign strategy.' Vincent C. Thomas, Jr. Interview. maps Sea Power 25:35-36+ Nov '82

The evolution of U.S. nuclear doctrine and the need for a countervailing strategy. Maj Roger D. Lewis. illus Jt Persp 2:38-47 Spring '82

The future of strategy. Ernest Volkman. Mil Sci & Tech 2:28-29+ '82

The Gatsby effect in U.S. strategic affairs. Col Alton L. Elliott. AU Rev 33:79-89 Nov-Dec '81

Global flexibility. BrigGen M.K. Sheridan. illus MarCor Gaz 66:50-54 Sep '82

The lessons of the Falklands. James D. Hessman. illus Sea Power 25:15-16+ Jul '82

Military reform and the art of war. Steven L. Canby. tabs Intl Sec Rev 7:245-268 Fall '82

POMCUS (Prepositioning Of Materiel Configured in Unit Sets): Feasibility or flaw? Moving thousands of troops to dozens of sites to draw equipment. Col W.D. McGlasson, Ret. illus Natl Guard 36:19-22 Apr '82

Policy, strategy, & the budget: A new look at resources and approaches. Caspar W. Weinberger. illus tabs Defense/82, pp 2-9+, May '82

Question for U.S. strategic modernization: Why "ride out" a Soviet attack? Blair Stewart. illus Strat Rev 10:44-52 Spring '82

The RDJTF and doctrine. Capt James A. Bowden. illus Mil Rev 62:50-64 Nov '82

The Reagan defense program: A focus on the strategic imperatives. Fred Charles Ikle. illus Strat Rev 10:11-18 Spring '82

The role of ³C³CM in the air land battle. Col C.B. Eichelberger. illus J of Elect Def 5: 43-46 Jul '82

Selling the high frontier defense strategy. Interview. illus por Def Elect 14:169-170+ Oct '82

Soviet perceptions of nuclear strategy and implications for U.S. deterrence. Stephen M. Millett. AU Rev 33:50-61 Mar-Apr '82

STRATEGY - ContinuedUnited States - Cont'd

Strategic concepts for the 1980s. Col William O. Staudenmaier. Mil Rev pt 1, 62:36-50 Mar '82; pt 2, 62:38-59 Apr '82

Strategic equivalence: What is it? How do we get it? Richard K. Betts. AU Rev 33:20-28 Nov-Dec '81

Watersheds and turning points. John J. McIntyre. Def Sci 2000+ 1:35-36+ May-Jun '82

Whither U.S. naval strategy? RADM Robert J. Hanks, Ret. por Strat Rev 10:16-22 Summer '82

Why does the United States need ICBMs? Colin Gray. illus NATO's Fifteen Nations 27:80-84 Aug-Sep '82

Will radical new concept change U.S. national strategy? LtGen Daniel O. Graham, Ret. illus tab Mil Elect/Countermeasures 8:8+ Aug '82

History

"A smoking radiating ruin at the end of two hours": Documents on American plans for nuclear war with the Soviet Union, 1954-1955. David A. Rosenberg. tab Intl Sec 6: 3-38 Winter '81/'82

Warsaw Pact

Military reform and the art of war. Steven L. Canby. tabs Intl Sec Rev 7:245-268 Fall '82

STRATEGY, AIR

Air defence on the battlefield. Rudolf Walter. illus tabs NATO's Fifteen Nations 27:108+ Oct-Nov '82

The lessons of the Falklands. James D. Hessman. illus Sea Power 25:15-16+ Jul '82

STRATEGY, NAVAL

The lessons of the Falklands. James D. Hessman. illus Sea Power 25:15-16+ Jul '82

Maneuvering in the Falklands. CDR Robert J. Kelsey. US Nav Inst Proc 108:36-38 Sep '82

History

Fuel and the battle fleet: Coal, oil, and American naval strategy, 1898-1925. John H. Maurer. Nav War Col Rev 34:60-77 Nov-Dec '81

Italy

The Italian naval policy. Adm Angelo Monassi. illus NATO's Fifteen Nations 27:62+ Apr-May '82

JapanHistory

Lessons from the past (how Japanese naval leaders used history). Saburo Toyama. illus US Nav Inst Proc 108:62-69 Sep '82

STRATEGY, NAVAL - ContinuedN A T O

Challenge at sea: Naval strategy for the 1980's. ADM Harry D. Train II. illus por NATO's Fifteen Nations Special Issue No.2: 17-18+ '82

The missing link ("strike hydrofoils," armed with cruise missiles and a close-in weapon system). CDR Miles A. Libbey III. illus map US Nav Inst Proc 108:36-41 Jul '82

Strategic choice and maritime capabilities. Adm James Eberle. illus US Nav Inst Proc 108:64-72 Apr '82

Soviet Union

Challenge at sea: Naval strategy for the 1980's. ADM Harry D. Train II. illus por NATO's Fifteen Nations Special Issue No.2: 17-18+ '82

New trends in the Soviet Navy. Norman Friedman. illus NATO's Fifteen Nations 27:42-45 Jun-Jul '82

(Soviet Navy) their missions and tactics. Norman Polmar and Norman Friedman. maps illus US Nav Inst Proc 108:34-44 Oct '82

(Soviet Navy) their Pacific Fleet. LCDR Gerry S. Thomas. illus US Nav Inst Proc 108:82-87 Oct '82

(Soviet Navy) their SSGs/SSGNs. Milan Vego. illus US Nav Inst Proc 108:60-68 Oct '82

(Soviet Navy) their sea-based aviation. LT Kevin Lynch. illus US Nav Inst Proc 108:46-52 Oct '82

(Soviet Navy) their surface forces. Andrew W. Hull. illus US Nav Inst Proc 108:53-59 Oct '82

(Soviet Union) their Navy in 1981. Donald C. Daniel and Theodore A. Neely, Jr. illus tabs US Nav Inst Proc 108:109-110+ Oct '82

United States

A basis for tactical thought. Theodore C. Taylor. illus US Nav Inst Proc 108:27-33 Jun '82

CVNs (aircraft carriers) forever! Forever? CAPT Gerald O'Rourke, Ret. illus US Nav Inst Proc 108:20-26 Jul '82

The case for the CVNs (nuclear-powered aircraft carriers)--I: A common-sense rationale. Vincent C. Thomas, Jr. illus map Sea Power 25:10-11+ Jun '82

The historical elements of Mahanian doctrine. Thomas R. Pollock. Nav War Col Rev 35:44-49 Jul-Aug '82

Maneuver warfare at sea. CDR Robert J. Kelsey. illus US Nav Inst Proc 108:30-36 Sep '82

Requiem for the Sixth Fleet? CDR P.T. Deutermann. illus US Nav Inst Proc 108:46-49 Sep '82

STRATEGY, NAVAL - ContinuedUnited States - Cont'd

The role of the U.S. surface Navy in nuclear war. Joseph D. Douglass, Jr and Amoretta M. Hoeber. illus US Nav Inst Proc 108:57-63 Jan '82

Should naval officers be strategists? Berend D. Bruins. illus US Nav Inst Proc 108:52-56 Jan '82

Strategy and the Navy's 1983-87 program: Skepticism is warranted! William R. Van Cleave. illus tabs Armed Forces J Intl 119: 49-51 Apr '82

Tomahawk: The implications of a strategic/tactical mix. LT Paul G. Johnson. illus tab US Nav Inst Proc 108:26-33 Apr '82

Weather and darkness in contemporary naval operations. CDR Linton Wells II. illus US Nav Inst Proc 108:150-167 May '82

Whither U.S. naval strategy? RADM Robert J. Hanks, Ret. por Strat Rev 10:16-22 Summer '82

STREAM CROSSING, MILITARY see River Crossing, MilitarySTRESS (PHYSIOLOGY)

An alternative to panic. Lt Garry M. Schull. Combat Crew 32:8-9 Aug '82

An analysis of the risk of human cardiac damage during +G_z stress: A review. M. Harold Laughlin. illus Aviation, Space & Envmt Med 53:423-431 May '82

Beta adrenergic blocking agents to control hypertension in aviation personnel. C.L. Schamroth and others. Aviation, Space & Envmt Med 53:403-404 Apr '82

Don't shoot yourself in the foot while managing your guard unit. Col Elvin C. Bell. illus Natl Guard 36:13-16 Jul '82

G stress on A-10 pilots during JAWS II exercises. Kent K. Gillingham and others. illus tabs Aviation, Space & Envmt Med 53:336-341 Apr '82

Human tracking performance changes during combined +G_z and +G_y stress. John W. Frazier and others. tabs Illus Aviation, Space & Envmt Med 53:435-439 May '82

Limitations of the exercise stress test in the detection of coronary artery disease in apparently healthy men. Sterling R. Piepgrass and others. Aviation, Space & Envmt Med 53:379-382 Apr '82

PacAF stress: Similar to ConUS, USAFE. Don Mace. AF Times 42:1+ May 31 '82

Recent life change measurement in Canadian forces pilots. P.M. McCarron and N.H. Haakonson. tabs Aviation, Space & Envmt Med 53: 6-13 Jan '82

Relationship of personality factors and some social habits to cardiovascular risk in submariners. D.V. Tappan and B.B. Weybrew. tabs Aviation, Space & Envmt Med 53:383-389 Apr '82

STRESS (PHYSIOLOGY) - Continued

Stress in battle: Coping on the spot. Maj Richard A. Gabriel. illus Army 32:36-39+ Dec '82

Stress in logistics--will you become a casualty? Capt Clyde W. Smith. tab Army Log 14:12-16 Jul-Aug '82

The stress of command. Jay Finegan. AF Times, Times Magazine sup: 4-8 Jan 11 '82

The stresses of flight. Capt Ann Helm. MAC Flyer 29:18-20 Nov '82

When you're hot, you're hot??? Maj Gary L. Studdard. illus tab Flying Safety 38:5-7 Jul '82

A wild ride (F-4 mishap). Benjamin S. Lambeth. illus Flying Safety 38:12-16 Sep '82

STRIKE COMMAND see Readiness Command

STUBBLEBINE, Albert N., III

Electronic warfare: A key ingredient for "speechlessness." MajGen Albert N. Stubblebine III. illus Signal 36:13-17 Apr '82

STUDY, METHOD OF

Caveat emptor. Norman R. Augustine. tab Mil Elect/Countermeasures 8:66-68 Dec '82

SUBMARINE BASES see Naval Bases

SUBMARINE SIMULATORS

Shiphandling and piloting training Ohio style. CAPT Theodore F. Davis, Ret. illus US Nav Inst Proc 108:101-102 Feb '82

SUBMARINE WARFARE

See also
Antisubmarine Warfare

ASW: Mission impossible? Stefan Geisenheyner. illus Asian Def J No.9:56-58+ Sep '82

The enemy below: Update on Navy ASW programs and systems. Thomas B. Allen. illus Sea Power 25:11-12+ Oct '82

Extremely low frequency communications for submarines. William J. Ruhe. illus Mil Tech 6:74+ Jul '82

Further thoughts on the lessons of the Falklands Crisis. P. Lewis Young. Asian Def J No.10:90+ Oct '82

Submarine hunter (Update II version of the Lockheed P-3C Orion). Jacquelyn S. Porth. illus Def & For Aff 10:10-13+ Jul '82

SUBMARINES

Advanced general-purpose submarines. Roger J. Page. illus (Also cutaway) Armada Intl 6: 82+ Mar-Apr '82

SUBMARINES - Continued

Anti-submarine warfare--the hunters become the hunted. Felix Müller. illus Armada Intl 6:48-49+ May-Jun '82

Attack submarines. Stefan Geisenheyner. tab illus Asian Def J No.12:46+ Dec '82

Professional notes. Regular feature in issues of United States Naval Institute Proceedings

Submarine electronics. Bodo Holtfoht and Frank Paschke. illus Armada Intl (Special Issue I) 6:27-28+ May-Jun '82

Design

Advanced general-purpose submarines. Roger J. Page. illus (Also cutaway) Armada Intl 6: 82+ Mar-Apr '82

Detection

ASW: Mission impossible? Stefan Geisenheyner. illus Asian Def J No.9:56-58+ Sep '82

Argentina

The submarine and the Falklands War. CDR John Byron. illus US Nav Inst Proc 108:43 Dec '82

Great Britain

Submarine (Royal Navy submarines today). David Harvey. Def & For Aff 10:6-7+ Jul '82

Soviet Union

Is SOSUS (SOund SURveillance System) an underwater Maginot Line? Jim Bussert. illus map Mil Elect/Countermeasures 8:43-46 Jul '82

Vodka on the rocks (the grounding of the Soviet submarine U-137 at the entrance of Gäsefjärden, Sweden). Julian S. Lake. map Def Elect 14:21+ Feb '82

"Whiskey" on the rocks (grounding of a Soviet "Whiskey"-class combatant submarine near Swedish naval base). Deam W. Given and William Cashman. illus US Nav Inst Proc 108: 112-115 Apr '82

United States

Alloy extends life and reliability of submarine air purification system. illus Natl Def 67:32+ Nov '82

Diesel boats forever? CDR John L. Byron. illus US Nav Inst Proc 108:35-42 Dec '82

The new U.S. administration: A new promise to the U.S. Navy? End of a decline? Stefan Terzibaschitsch. illus tab Mil Tech pt 1, 6:44-46+ Mar '82

Relationship of personality factors and some social habits to cardiovascular risk in submariners. D.V. Tappan and B.B. Weybrew. tabs Aviation, Space & Envmt Med 53:383-389 Apr '82

The victim's view of ASW. CDR John L. Byron. illus US Nav Inst Proc 108:38-43 Apr '82

SUBMARINES, NUCLEAR POWEREDGreat Britain

The submarine and the Falklands War. CDR John Byron. illus US Nav Inst Proc 108:43 Dec '82

Submarine (Royal Navy submarines today). David Harvey. Def & For Aff 10:6-7+ Jul '82

Soviet Union

The naval electronics gap. Christopher Glenn. illus tabs Mil Elect/Countermeasures 8: 29-30+ Mar '82

(Soviet Navy) their SSGs/SSGNs. Milan Vego. illus US Nav Inst Proc 108:60-68 Oct '82

United States

Diesel boats forever? CDR John L. Byron. illus US Nav Inst Proc 108:35-42 Dec '82

The fleet ballistic missile submarine--an irresistible future. CAPT Robert H. Smith, Ret. Nav War Col Rev 35:3-9 Mar-Apr '82

Guarding the Navy: Coast Guard style. CW2 Paul C. Scotti. illus Armed Forces J Intl 120:92+ Oct '82

The naval electronics gap. Christopher Glenn. illus tabs Mil Elect/Countermeasures 8: 29-30+ Mar '82

Once under attack, Trident becomes most survivable program. L. Edgar Prina. illus Sea Power 25:81-82+ Jun '82

Shiphandling and piloting training Ohio style. CAPT Theodore F. Davis, Ret. illus US Nav Inst Proc 108:101-102 Feb '82

SUBSISTENCE ALLOWANCES

Administration will ask Hill for flat-rate per diem. AF Times 42:1+ May 24 '82

BAS (Basic Allowances for Subsistence) freeze eyed to increase BAQ (Basic Allowances for Quarters). Tom Philpott. AF Times 42:1+ Jul 5 '82

DOD won't ask per diem change this year. AF Times 42:1+ Apr 12 '82

Government-wide per diem nears OK. Tom Philpott. AF Times 43:1+ Aug '9 '82

Overseas TDY per diem rule changed. AF Times 42:11 May 10 '82

(Sen William) Armstrong: Restore \$4.50 PCS cut. AF Times 42:3 Feb 8 '82

SUBTERRANEAN WARFARE see Tunnel WarfareSUBVERSIVE ACTIVITIES

The jackal reborn: The Brinks robbery and terrorism in the United States. Samuel T. Francis. Intl Sec Rev 7:98-124 Spring '82

Law makers & law enforcers discuss domestic terrorism. Sen John East. Intl Sec Rev 7: 79-98 Spring '82

SUBVERSIVE ACTIVITIES - Continued

Unspiking Soviet terrorism. Arnaud de Borchgrave. Intl Sec Rev 7:3-16 Spring '82

History

The companies of the damned. John M. Curran. illus Army 32:54-57+ Feb '82

SUEZ CANAL

Operation Badr: Crossing the Suez. Capt Ray G. Roth. maps illus Armor 91:23-25 May-Jun '82

SUGGESTION PROGRAMS

Jet fuel identaplates. TIG Brief 34:13 Oct 25 '82

Motivating and communicating: Some lessons learned. LtGen Howard W. Leaf. TIG Brief 34:2 Jan 8 '82

Turn-in/redistribution of excess property and the Air Force Suggestion Program. TIG Brief 34:21 Nov 15 '82

SUICIDE

Suicide in the Air Force. TIG Brief 34:21 Sep 27 '82

Suicide, 3d largest killer in Air Force, claims 45 so far in '82. Leonard Famiglietti. AF Times 43:3 Oct 18 '82

SUPERPORTS see PortsSUPERVISION

The supervisor's role in air operations. TIG Brief 34:14 Jan 22 '82

SUPPLYAir Force--U.S.

Air Force supply--1952-1959. Fred J. Dau. illus Aerosp Hist 29:26-30 Mar '82

Combat distribution teams: AFLC's elite response force. TIG Brief 34:5-6 Mar 5 '82

Getting more from DLA (Defense Logistics Agency). Capt Andrew J. Ogan. AF J Log 6: 12-14 Spring '82

Part number directory. TIG Brief 34:8 Oct 25 '82

Army--U.S.

Ammunition procurement strategy. LtCol Roy R. Willis. illus tab Army Log 14:2-5 Jan-Feb '82

Equipping the total force. LtGen Richard H. Thompson and Maj William R. Johnson. illus tabs Army Log 14:2-7 Nov-Dec '82

From '1' to '10' in readiness. Ronald W. Harlow and Col John S. Drosdeck, Jr. illus Army Log 14:30-33 Jul-Aug '82

SUPPLY - ContinuedArmy--U.S. - Cont'd

Lessons learned--implementing DS4 (direct support unit standard supply system). Col Albert B. Luster. illus Army Log 14:20-22 May-Jun '82

Logistics and the Battle of Schmidt (Germany). Maj John W. Wothe. illus maps Mil Rev 62: 19-28 Mar '82

Maintenance means sustainability. Maj Gary L. LaGrange. illus Army Log 14:10-11 May-Jun '82

A mission of the USA DARCOM Logistic Control Activity is--unclogging the supply pipeline. Army Log 14:7-9 Sep-Oct '82

Shop supply basics. Sgt1C Donald R. Wheeler. illus Army Log 14:6-9 May-Jun '82

Unit supply publications management. CW2 James W. Dee. illus Army Log 14:30-31 Mar-Apr '82

SUPPLY MANAGEMENT

Air Force supply--1952-1959. Fred J. Dau. illus Aerosp Hist 29:26-30 Mar '82

Alternatives in provisioning computational methodology. Bernard C. Price. tabs Log Spectrum 15:14-19 Winter '81

Behind the blade: Supporting the cutting edge. Robert Jarman. illus Def & For Aff 10:6-8+ Oct '82

Chemical defense equipment--a perception. LtCol Thomas H. Fletcher. illus Army Log 14:26-27 May-Jun '82

A commander's introduction to property accountability. Maj Thomas E. Skrodzki. Army Log 14:30-32 Jan-Feb '82

Computers: Our aging workhorses. LCDR James S. Bristow. US Nav Inst Proc 108:55-60 Aug '82

Containerized ammunition--ready or not? Maj William P. Martinous. illus Army Log 14:18-21 Mar-Apr '82

From '1' to '10' in readiness. Ronald W. Harlow and Col John S. Drosdeck, Jr. illus Army Log 14:30-33 Jul-Aug '82

Getting more from DLA (Defense Logistics Agency). Capt Andrew J. Ogan. AF J Log 6: 12-14 Spring '82

ILS (Integrated Logistics Support), PD (Physical Distribution), MM (Materials Management): What can we learn from each other. Joseph L. Cavinato and others. illus Log Spectrum 16:5-9 Winter '82

Integrated wartime supply. Capt Andrew J. Ogan and LtCol Joseph H. O'Neill. illus AF J Log 6:18-20 Summer '82

LOGMARS (Logistics Applications of Automated Marking and Reading Symbols)--"an advanced technology comes of age." LtCol John E. Gould. illus AF J Log 6:16-19 Fall '82

SUPPLY MANAGEMENT - Continued

Lessons learned--implementing DS4 (direct support unit standard supply system). Col Albert B. Luster. illus Army Log 14:20-22 May-Jun '82

A logistics function--DOD water 'works.' LtGen Richard H. Thompson and Capt Daniel G. Mongeon. Army Log 14:6-8 Jan-Feb '82

MAPS (Mobilization Asset Planning System) charts the way to mobilization. Col John S. Whedbee. illus Army Log 14:7 Mar-Apr '82

Making PLL (Prescribed Load Lists) and ASL (Authorized Stockage Lists) combat ready. Army Log 14:33 Jan-Feb '82

Management review of wartime capability reports. TIG Brief 34:7 Oct 11 '82

A mission of the USA DARCOM Logistic Control Activity is--unclogging the supply pipeline. Army Log 14:7-9 Sep-Oct '82

Modification of the standard base supply system stock leveling techniques. Maj Kenneth B. Faulhaber. tabs AF J Log 6:18-21 Winter '82

Money, machines, and miles: Redressing POMCUS (Pre-positioned Overseas Material Configured in Unit Sets) deficiencies. Capt John L. Clarke. tab illus Armed Forces J Intl 120:81+ Nov '82

Moving ammunition for the Army of the future. Bruce P. Schoch. illus Natl Def 66:35-38+ Apr '82

Nuclear stockpile management (Defense Nuclear Agency's role). Col Richard A. Stephans, Ret and LCDR Mahlon E. Register. illus Army Log 14:2-5 May-Jun '82

Part number directory. TIG Brief 34:8 Oct 25 '82

Part number research tools and techniques. TIG Brief 34:18 Jan 22 '82

Planning a division combat ASL (Authorized Stockage List) for class VIII. Capt Frank Welter. illus tab Army Log 14:8-12 Nov-Dec '82

Selecting and stocking repair parts realistically. Sgt1C Tommy L. Alexander, Ret. illus Army Log 14:36-37 May-Jun '82

Shop supply basics. Sgt1C Donald R. Wheeler. illus Army Log 14:6-9 May-Jun '82

Sparing to availability. Nancy L. Orndorff. tabs illus Log Spectrum 16:30-34 Spring '82

Taken for granted (the general scope and relative success of the logistics job). MajGen Theodore D. Broadwater. tab AF J Log 6:2-4 Spring '82

United States Coast Guard. RADM William P. Kozlovsky. illus map por Def Trans J 38: 49-52 Feb '82

Your Air Force hotline in action! TIG Brief 34:3 Feb 19 '82

SUPREME ALLIED COMMANDER, ATLANTIC see Allied Command Atlantic

SUPREME ALLIED COMMANDER, EUROPE see Allied Command Europe

SURFACE EFFECT SHIPS see Air Cushion Vehicles

SURGEON GENERAL

Air Force

House (Armed Services Investigations Subcommittee) panel awaits results of MD investigation. AF Times 42:2 Jan 18 '82

SURPLUS PROPERTY

Property (Review) Board proposes sale of military land. AF Times 42:14 Jul 19 '82

Turn-in/redistribution of excess property and the Air Force Suggestion Program. TIG Brief 34:21 Nov 15 '82

SURPRISE IN WARFARE

The defense against Soviet bombers. Tony Velocci. illus Natl Def 67:34-38+ Jul-Aug '82

Implementing a maneuver style of war. Capt Anthony M. Coroalles. illus Mil Rev 62:20-25 Dec '82

Neutron weapons: Solution to a surprise attack? Col Daniel Gans. illus tabs map Mil Rev pt 1, 62:19-37 Jan '82; pt 2, 62:55-73 Feb '82

The Soviet operational manoeuvre group--a new challenge for NATO. C.N. Donnelly. illus Intl Def Rev 15, No.9:1177-1186 '82

Surprise (a basic principle of military doctrine). LtCol José Sánchez Méndez. map illus AU Rev 33:34-43 Nov-Dec '81

Surprise and deception in Soviet military thought. Jennie A. Stevens and Henry S. Marsh. illus Mil Rev pt 1, 62:2-11 Jun '82; pt 2, 62:24-35 Jul '82

SURVEILLANCE

Anti-ship missiles and costal surveillance. illus Asian Def J No.2:62-64 Feb '82

An approach to reconnaissance doctrine. Col George E. Daniels. AU Rev 33:62-69 Mar-Apr '82

The cordon sanitaire--is it useful? Is it practical? LCDR Stanley F. Gilchrist. tab Nav War Col Rev 35:60-72 May-Jun '82

Extending the horizon. Norman Polmar. illus US Nav Inst Proc 108:121-124 Dec '82

Give us our guns & optics--an aeroscout's urgent plea for increasing our combat effectiveness. 1stLt Ronald M. Buffkin. illus USA Avn Dig 28:2-5 Mar '82

Ground surveillance and target acquisition radar for the brigade commander. William Fishbein and Seymour L. Hersh. Signal 37:62-63 Nov '82

SURVEILLANCE - Continued

IFF (Identification Friend or Foe) secondary surveillance radars. Kurt Arbenz. illus tab Armada Intl 6:116-118+ Mar-Apr '82

Interavia surface radar catalogue. Tables only. Interavia pt 1, 37:679-686 Jul '82; pt 2, 37:963-966 Sep '82

Is SOSUS (SOUND SURveillance System) an underwater Maginot Line? Jim Bussert. illus map Mil Elect/Countermeasures 8:43-46 Jul '82

Is there a maritime role for the airship? Eugene M. Kolesnik. tab illus map RUSI J for Def Studies 127:37-45 Mar '82

LAMPS MK III ship/air weapon system: A tactical/surveillance force. C. Del Babb. illus Signal 37:8+ Oct '82

Maritime surveillance aircraft--a growth market. Robert Salvy. illus Armada Intl 6:58-60+ Jan-Feb '82

Military surveillance radars, now and tomorrow. Chris Bulloch. illus Interavia 37:676-678 Jul '82

New detection device. Col Norman L. Dodd. illus Asian Def J No.2:74-75 Feb '82

New NATO-approved night observation instrument. illus Asian Def J No.5:90 May '82

OSIS (Ocean Surveillance Information System) extends intelligence coverage beyond radar horizon. VADM Samuel L. Gravely, Jr., Ret. illus map Def Elect 14:69-70+ Apr '82

The Ocean Surveillance Information System (OSIS). VADM Samuel L. Gravely, Jr., Ret. illus Signal 37:30+ Oct '82

Radar on the battlefield. Stefan Geisenheyner. illus Asian Def J No.4:66-68+ '82

VISTA (Very Intelligent Surveillance and Target Acquisition)--a view of the future. William E. Vander Meer. illus J of Elect Def 5:47-48+ Oct '82

SURVEYING

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

SURVEYS

Definitions of mission among novice Marine Corps officers. David F. Burrelli and David R. Segal. tabs J Pol & Mil Sociol 10:299-306 Fall '82

Drug survey to tap civilians, military. AF Times 42:17 May 24 '82

The effect of premilitary experiences on military success. Johnnie Daniel and Arthur Korotkin. tabs J Pol & Mil Sociol 9:255-261 Fall '81

GAO: Biodata inventories would cut washout rate. AF Times 42:7 Apr 12 '82

SURVEYS - Continued

A longitudinal test of the Moskos institution-occupation model: A three-year increase in occupational scores. Michael J. Stahl and others. tabs J Pol & Mil Sociol 9:43-47 Spring '81

Productivity enhancement in a headquarters logistics organization. Maj Russell F. Lloyd and Capt John D. Fiorini. AF J Log 6:21-24 Fall '82

(Rand Corporation) survey profiles typical member. Tom Philpott. AF Times 42:1+ Apr 12 '82

Social research: Limited use but helpful for Armed Forces. AF Times 43:7 Dec 13 '82

SURVIVAL

See also
Civil Defense
Evasion and Escape

Drowning: The things we know that aren't so. RADM Norman C. Venzke and CDR David S. Smith. Ret. illus US Nav Inst Proc 108:111-113 Dec '82

Survival truths. SMSgt Peter Kummerfeldt. Flying Safety 38:20-21 Jun '82

You're next. TSgt Howard T. Edgar and SSgt Stewart R. Young. illus Flying Safety pt 1, 38:21-23 Dec '82

SURVIVAL EQUIPMENT

Cobra survival kit. CW3 John P. Goodrich and CW2 Bryan D. McClendon. illus USA Avn Dig 28:18-20 Nov '82

Drowning: The things we know that aren't so. RADM Norman C. Venzke and CDR David S. Smith. Ret. illus US Nav Inst Proc 108:111-113 Dec '82

Surviving in high places. SSgt Craig Pugh. illus Airman 26:42-48 Sep '82

You're next. TSgt Howard T. Edgar and SSgt Stewart R. Young. illus Flying Safety pt 1, 38:21-23 Dec '82

SURVIVAL TRAINING

Artillery survival on the modern battlefield. Maj A. F. Mazzara and Capt Robert Wolf. illus MarCor Gaz 66:60-68 Apr '82

Winter warfare: Atop an Alaskan glacier, soldiers learn to fight--and survive. Jay Finegan. illus AF Times, Times Magazine sup:4-9 Dec 6 '82

SURVIVOR BENEFIT PLAN

CG (Comptroller General): Ignore voided divorce in deciding SBP eligibility. AF Times 42:26 Jul 19 '82

Ex-spouse law slights SBP (Survivor Benefit Plan). AF Times 43:1+ Nov 1 '82

SURVIVOR BENEFIT PLAN - Continued

Survivor's choice. LCDR Richard E. O'Neal. tabs US Nav Inst Proc 108:109-113 Jul '82

SURVIVORS RIGHTS AND BENEFITS

See also
Survivor Benefit Plan

Benefits 'wish list' loses DOD support. Tom Philpott. AF Times 43:1+ Dec 13 '82

Bill would restore Social Security \$\$ to military kin. Martha Lynn Craver. AF Times 42:7 Jun 14 '82

CG (Comptroller General): Ignore voided divorce in deciding SBP eligibility. AF Times 42:26 Jul 19 '82

Legislation would restore several benefits. AF Times 42:1+ Mar 1 '82

National commission seeks basis for action--trustees cite need for new Social Security financing measures. Officer 58:37-38 Jul '82

Oct 1: 4% for most; E-1s still in doubt. Martha Lynn Craver. AF Times 43:1+ Sep 27 '82

(Rep Duncan) Hunter wants to restore lost SS benefits. Martha Lynn Craver. AF Times 42:3 Feb 8 '82

Senate panel mulls restoration of full SS benefits for survivors. AF Times 43:5 Sep 13 '82

Survivor benefits. MSgt Mike Mason. illus Soldiers 37:42-43 Jul '82

A tale of three miseries (no medical care for persons falling ill at drill). illus Natl Guard 36:27-29 Jun '82

Laws and Regulations

Widow awarded SBP; Service failed to notify. AF Times 42:7 May 10 '82

SUSLOV, Mikhail A.

On the death of (Mikhail Andreivich) Suslov, the secret boss. Stefan T. Possony. Def & For Aff 10:3+ Jan-Feb '82

SWEDENForeign RelationsSoviet Union

Vodka on the rocks (the grounding of the Soviet submarine U-137 at the entrance of Gašefjärden, Sweden). Julian S. Lake. map Def Elect 14:21+ Feb '82

"Whiskey" on the rocks (grounding of a Soviet "Whiskey"-class combatant submarine near Swedish naval base). Deam W. Given and William Cashman. illus US Nav Inst Proc 108:112-115 Apr '82

SWITCHING SYSTEMS

Packet switching for fast, reliable defense networks. Roy D. Rosner. illus maps tab Signal 36:110+ May-Jun '82

Proximity switches: Close enough for government work. illus MAC Flyer 29:14 Mar '82

Simulation, emulation and modeling in the TRI-TAC program. MajGen Robert J. Donahue. illus Signal 36:85-90+ Aug '82

A technical overview of the Joint Tactical Communications System. Jeffrey Vignes and David Furniss. illus Signal 37:43-49 Nov '82

SYRIAPolitics and Government

The preservation of power and how four Middle Eastern leaders have done it. Michael C. Dunn. illus Def & For Aff 10:45-46+ Apr '82

SYSTEMS ANALYSIS

See also
Economic Analysis

NATO--the status of C³: A SHAPE Technical Centre perspective on NATO C³ developments. Erik Klippenberg. Signal 37:23-24 Dec '82

Political feasibility and military decision-making. Robert M. Krone. J Pol & Mil Sociol 9:49-60 Spring '81

Systems approach to multinational acquisition: NATO AWACS. George K. Chacko and LtCol Bruce N. Stratvert. illus tabs Concepts 4:90-106 Autumn '81

"Very grave suspicion." (Operational analysis) J.P. Wood. RUSI J for Def Studies 127:54-58 Mar '82

Whither U.S. naval strategy? RADM Robert J. Hanks, Ret. por Strat Rev 10:16-22 Summer '82

SYSTEMS ANALYSIS - Continued

Yes sir! General machine, sir! LtCol Frederick W. Timmerman, Jr. illus Army 32:30-33 Jan '82

SYSTEMS ENGINEERING

Army digital microwave radio program. James E. Bartow. illus Signal 36:43-45 Apr '82

Automating NATO's command centers. Thomas E. Gernon. illus Signal 37:45-51 Dec '82

Development of simulation test beds to support design and development. Jay L. McBride. illus Signal 36:103-106 Aug '82

FAA, airways, airports and a systems approach to economic vitality. John F. Judge. tab Govt Exec 14:12+ May '82

Lessons in system safety management. TIG Brief 34:21 Feb 19 '82

Logistics information "management support" system. Col Robert E. Frank and Capt James P. Totsch. AF J Log 6:5-6 Fall '82

New directions in NATO C³. Dennis C. Marquis. illus Signal 37:39-42 Dec '82

P³I--Pre-Planned Product Improvement. MajGen Donald M. Babers. illus Signal 36:11-12+ Jul '82

Software needs top-down management. David R. Brown, Jr. illus Concepts 5:202-218 Autumn '82

Some software implications of C² system acquisition. Alan J. Roberts. tabs illus Signal 36:19-25 Jul '82

System safety engineering analysis. TIG Brief 34:21 Aug 27 '82

The systems approach: Aeromarine Systems Group. (Interview with Werner W. Mueller) illus Mil Tech 6:78-83 Feb '82

T A C S see Tactical Air Control System

T D Y see Temporary Duty

T R A D O C see Training and Doctrine Command

T R I - T A C PROGRAM

Advanced narrowband digital voice terminal. Jack Garner and others. illus Signal 37: 7-8+ Nov '82

Ground-based tactical fiber optic communications systems programs. Paul Sierak and Bernard DeMarinis. illus tab Mil Elect/Countermeasures 8:25-26+ May '82

Simulation, emulation and modeling in the TRI-TAC program. MajGen Robert J. Donahue. illus Signal 36:85-90+ Aug '82

A technical overview of the Joint Tactical Communications System. Jeffrey Vignes and David Furniss. illus Signal 37:43-49 Nov '82

TACAN

Electronic navigation aids. Chris Heath. Pac Def Rep 8:55-56+ Jun '82

TACTICAL AIR COMMAND

See also
Air Force, 9th
Air Force, 12th

Becoming an F-15 wingman. F. Clifton Berry, Jr. illus AF Mag 65:116-122 Mar '82

Ready-to-go rate climbing as TAC fine-tunes its F-15s. Leonard Famiglietti. AF Times 42:14 Mar 8 '82

Tactical Air Command. illus charts por AF Mag 65:108-110+ May '82

Test bed concepts in the Tactical Air Command. Col Denis Brown. illus Signal 36: 100-102 Aug '82

TACTICAL AIR CONTROL SYSTEM

AN/TSQ-73 integration with Marine TAOC (Tactical Air Operations Center) Capt Robert N. Moschini. illus Air Def Mag, pp 6-9, Jan-Mar '82

Close air support: Have command and control kept up? Maj Jerry J. Thorius. illus Jt Persp 3:46-55 Winter '82

Employment of tactical air control radars. Col Robert E. Gardner. Signal 37:55-58 Nov '82

TACTICAL AIR FORCES

See also
General Purpose Forces

TACTICAL AIR FORCES - Continued

N A T O

The central region air battle. Gen Charles A. Gabriel. illus por NATO's Fifteen Nations Special Issue No. 2:26-29+ '81

Future tactical combat aircraft in NATO. AVM P.B. Hine. illus NATO's Fifteen Nations 27:48+ Apr-May '82

Tactical flying in Europe--realism versus environment. Brian Wanstall. illus map Interavia 37:924-926 Sep '82

Theater nuclear arms control and forward-based systems. John Borawski. AU Rev 33: 11-19 May-Jun '82

United States

Air munitions: The missing link? Norman R. Augustine. illus tabs Mil Elect/Countermeasures 8:33+ Apr '82

BAI (Battlefield Air Interdiction): The key to the deep battle. Maj C. Lanier Deal, Jr. illus Mil Rev 62:51-54 Mar '82

JAAT (Joint Air Attack Team): A present concept. Maj William J. Filippini and Capt David S. Prewitt. illus USA Avn Dig 28:2-7 Nov '82

Simple vs sophisticated TacAir avionics. Jim Bussert. illus tabs Mil Elect/Countermeasures pt 1, 8:77-82 Feb '82; pt 2, 8:56-62 Mar '82

Think and fly like the enemy. F. Clifton Berry, Jr. illus AF Mag 65:36-41 Apr '82

The U.S. Air Force today--speed, flexibility, and global reach. John T. Correll. illus Sea Power 25:90+ Apr '82

TACTICAL COMMUNICATIONS

See also
T R I - T A C Program

Advanced narrowband digital voice terminal. Jack Garner and others. illus Signal 37: 7-8+ Nov '82

Army communications for the 1990s. James E. Soos. illus Mil Elect/Countermeasures 8:50+ Jan '82

Army digital microwave radio program. James E. Bartow. illus Signal 36:43-45 Apr '82

Ground-based tactical fiber optic communications systems programs. Paul Sierak and Bernard DeMarinis. illus tab Mil Elect/Countermeasures 8:25-26+ May '82

Improved survivability for automated C² systems. LtCol Glenn G. Givens, Ret. Signal 36: 31-33 Apr '82

MCS: The Maneuver Control System. Col Alan B. Salisbury. illus Signal 36:35-39 Mar '82

TACTICAL COMMUNICATIONS - Continued

NAVELEX looks to future in serving the electronic needs of the fleet. illus Def Elect 14:59-62 Apr '82

New concepts in battlefield communications-- part 1: Fast frequency hopping. P.E.Van. illus Intl Def Rev pt 1, 15, No.3:327-330 '82; pt 2: Slow/medium frequency hopping. Gowri S.Sundaram. 15, No.5:559-563 '82

Project Raven (tactical communications system) takes off. Lionel Hudson. illus Pac Def Rep 9:55+ Oct '82

The RITA communications system--in service with the French and Belgian armies. Robert Salvy. illus Intl Def Rev 15, No.9:1216-1218 '82

Simulation, emulation and modeling in the TRI-TAC program. MajGen Robert J.Donahue. illus Signal 36:85-90+ Aug '82

Small computers in the Army: An apple a day to keep the Soviets away. William P.Schneider. illus tab Signal 36:39-43 Feb '82

Tactical VHF radio communications in the German Army. LtCol Hans-Peter Krause and Dieter Roth. illus Signal 37:27-28+ Nov '82

UHF (Ultra High-Frequency) anti-jam protection now--HAVE QUICK. LtCol Galen J.Rose. illus tab Signal 36:35-40 Apr '82

The view from industry--Joint Tactical Information Distribution System (JTIDS). John P. Sputz. Signal 36:15-17 Mar '82

The view from the Joint Program Office--Joint Tactical Information Distribution System (JTIDS). Col Norman E.Wells. Signal 36: 11-13 Mar '82

TACTICAL FORCES see General Purpose Forces; Tactical Air Forces

TACTICAL WARFARE

Attack helicopter operations. (Presentation, 1979 Armor Conference) LtCol John R. McQuestion. illus Asian Def J No.3:62-67+ Mar '82

The DASC (Direct Air Support Center) in a mechanized environment. Capt Edward L. Melton. MarCor Gaz 66:26-27 Feb '82

Helicopters in modern warfare. Col Norman L.Dodd, Ret. illus Asian Def J No.10: 72-76+ Oct '82

Lebanon proved effectiveness of Israeli EW innovations. illus Def Elect 14:41-42+ Oct '82

Tactical electronic combat in space. Maj Kirk B.Reed, Ret. illus J of Elect Def 5:47-52 Nov '82

Theater nuclear warfare and the U.S. Navy. LCDR T.Wood Parker. Nav War Col Rev 35: 3-16 Jan-Feb '82

What ever happened to tactical intelligence? Maj Kevin J.Vargas. Mil Rev 62:15-20 Oct '82

TACTICAL WARFARE - ContinuedEquipment

MM-wave and infrared: A hybrid for all-weather weapons delivery. Arthur C.Levitan. illus tabs Mil Elect/Countermeasures 8:100-103 Feb '82

Simple vs sophisticated TacAir avionics. Jim Bussert. illus tabs Mil Elect/Countermeasures pt 1, 8:77-82 Feb '82; pt 2, 8:56-62 Mar '82

Study and Teaching

Thunder in the desert. Maj Charles R.Steiner, Jr. illus Armor 91:12-18 May-Jun '82

TACTICSSee also

Attack and Defense (Military Science)

Afghanistan: The Soviet experience. James H. Hansen. illus map Natl Def 66:20-24+ Jan '82

Afghanistan: What impact on Soviet tactics? MSgt William T.Beck and others. illus maps Mil Rev 62:2-11 Mar '82

Antiship missiles launch new tactics. CAPT William J.Ruhe, Ret. illus US Nav Inst Proc 108:60-65 Dec '82

An armored task force executes a hasty attack. LtCol Harry W.McWilliams and Capt Timothy E.Donovan. illus Armor 91:13-15 Jan-Feb '82

Attack! Soviet style. 1stLt Carl A.Wertman. illus MarCor Gaz 66:46-49 Jul '82

Attack on a fortified area: Lessons from the past. Maj Jack Klump. illus MarCor Gaz 66: 64-69 Jun '82

A basis for tactical thought. Theodore C. Taylor. illus US Nav Inst Proc 108:27-33 Jun '82

Battalion operations from encircled positions. Maj Michael R.Tarantola. illus Mil Rev 62:35-40 Feb '82

Battle doctrine for the 21st century. Tony Velocci. illus Natl Def 67:11-14 Nov '82

The battle on the German frontier. LtCol Barry R.McCaffrey. Mil Rev 62:62-70 Mar '82

The break-through in anti-tank warfare. Col Daniel K.Malone. illus NATO's Fifteen Nations 27:56-57+ Feb-Mar '82

Breakout (depends on deception and secrecy). Capt George C.Matoy. illus Infantry 72: 26-29 Mar-Apr '82

Current training and maneuver warfare. CW2 Bryan N.Lavender. illus MarCor Gaz 66:63-67 Feb '82

The deep raid--airland battle's power punch. Capt Marc C.Baur. illus Armor 91:38-41 Sep-Oct '82

TACTICS - Continued

- Deep thrust on the extended battlefield. Majs James C.Barbara and Robert F.Brown. illus Mil Rev 62:21-32 Oct '82
- The Falklands conflict--old lessons, new weapons. Jürg Meister. illus Armada Intl 6:6+ Jul-Aug '82
- Fighting in Afghanistan. Lt Paul H.Vivian. illus Infantry 72:17-21 Jan-Feb '82
- Finding tactics to match technology. Capt Gary W.Anderson. illus MarCor Gaz 66:19-22 Feb '82
- Force multipliers and the carrier debate. J.O.Langtry and Desmond Ball. illus Pac Def Rep 9:35+ Sep '82
- Infantry tomorrow. Stefan Geisenheyner. illus Asian Def J No.10:38-39+ Oct '82
- Is blitzkrieg warfare back? 2dLt Charles K. Daigleish. illus US Nav Inst Proc 108: 103-105 Dec '82
- The lessons of the Falklands. James D.Hessman. illus Sea Power 25:15-16+ Jul '82
- Logistics raid. Maj Randall L.Rigby. illus Fld Arty J 50:50-53 Mar-Apr '82
- Maneuver/fluid warfare: A review of the concepts. Capt G.I.Wilson. illus MarCor Gaz 66:54-61 Jan '82
- Maneuver warfare and the MAGTF (Marine Air-Ground Task Force). Maj J.D.Burke. illus MarCor Gaz 66:67-71 Sep '82; Responses. 66:24-26 Dec '82; Rebuttal. 66:26 Dec '82
- Maneuver warfare roadmap: Trends and implications. Col Bruce G.Brown, Ret. illus MarCor Gaz pt 1, 66:42-47 Apr '82; pt 2, Concepts of employment and tactical applications. 66:80-85 May '82
- The Maverick missile counters modern sea weapons. CMDR Joseph Wiggins. illus Mil Elect/Countermeasures 8:42-47 Nov '82
- Ne po shablonu (not by pattern): Soviet tactical flexibility. LtCol Richard S. Kosevich. illus Mil Rev 62:24-32 Aug '82
- The new defence: The consequences of a credible conventional deterrent on NATO industry-to-industry cooperation. Vitalij Garber. illus tabs NATO's Fifteen Nations Special Issue No.1:64-68 '82
- The nondebate over how Army should fight. Col T.N.Dupuy. illus Army 32:34-38+ Jun '82
- The principle of mass in Soviet tactics today. Maj John G.Hines. illus Mil Rev 62: 13-23 Aug '82
- RPV--stepchild of unmanned vehicles. Hamlin A.Caldwell, Jr and Floyd D.Kennedy, Jr. illus Natl Def 67:16-20+ Sep '82
- A realistic conventional deterrent. Daniel K. Malone. illus Natl Def 67:51-53 Jul-Aug '82

TACTICS - Continued

- Revising squad tactics. Capt G.K.Cunningham. illus MarCor Gaz 66:32-34 Aug '82
- Seven principles of Soviet tactical doctrine. Maj A.C.Bevilacqua, Ret. illus MarCor Gaz 66:36-43 Sep '82
- The 74-day war: New technology and old tactics. Gary L.Guertner. map illus Mil Rev 62:65-72 Nov '82
- (Soviet Navy) their missions and tactics. Norman Polmar and Norman Friedman. maps illus US Nav Inst Proc 108:34-44 Oct '82
- Surprise and deception in Soviet military thought. Jennie A.Stevens and Henry S.Marsh illus Mil Rev pt 1, 62:2-11 Jun '82; pt 2, 62:24-35 Jul '82
- Why the German example? William S.Lind. illus MarCor Gaz 66:59-63 Jun '82

History

- Surprise (a basic principle of military doctrine). LtCol José Sánchez Méndez. map illus AU Rev 33:34-43 Nov-Dec '81

Study and Teaching

- Where have all the 'foreverisms' gone? Col Holland E.Bynam. illus Army 32:18-21+ Jan '82

TACTICS, AIR

- Aeroscout operations in the defense. Capt Robert Johnson. illus Armor 91:12-14 Sep-Oct '82
- The air-land battle--Soviet style. LtCol William P.Baxter, Ret. illus Army pt 1, 31:29-31 Dec '81; pt 2, Soviet air tactics: Get 'em on the ground. 32:34-36 Jan '82
- Attack helicopter operations. (Presentation, 1979 Armor Conference) LtCol John R.Mc-Question. illus Asian Def J No.3:62-67+ Mar '82
- Attack helicopters. Lt Ronald M.Buffkin. Infantry 72:9-10 Sep-Oct '82
- Blocking & tackling (skills essential to the F-15 pilot are Radar Employment and Basic Fighter Maneuvers (BFM)). Capt Paul Stucky. illus USAF Ftr Wpns Rev, pp 24-28, Winter '81
- FAC (Forward Air Controller) air-to-air. Capt Alex Gimarc and others. illus USAF Ftr Wpns Rev, pp 8-13, Winter '81
- The fighter/interceptor helicopter--a concept for today and tomorrow. Maj Frank E.Babiasz. illus USA Avn Dig 28:30-32 Jan '82
- Helicopter aerial combat week--December 14-18, 1981. Capt Greg R.Hampton and 1stLt Mario H.Acevedo. illus USA Avn Dig 28:2-11 Aug '82
- Helicopters--the Soviet view. CW4 Richard A.Davis. illus tabs USA Avn Dig 28:36-42 Jan '82
- How tactical air works. George Haering. illus US Nav Inst Proc 108:60-65 Nov '82

TACTICS, AIR - Continued

MAP (Minimum Attack Perimeter) has driven me to MAD (Minimum Approach Distance). Capts Gary L. Hooker and Paul Dordal. illus USAF Ftr Wpns Rev No.4:6-8 Spring '82

The problem of airfield defence. LtCol Andrew Andrews. illus tabs NATO's Fifteen Nations Special Issue No.1:75+ '82

Sabre Dart. Rod Beckett and others. illus USAF Ftr Wpns Rev, pp 2-7, Winter '81

2 to 1 shadowing. Maj J.I. Grabeklis. tabs USAF Ftr Wpns Rev, pp 14-16+ Winter '81

The wishing well--or what I hope is going on in Army aviation. Gen Hamilton H. Howze, Ret. illus por USA Avn Dig 28:2-5 Feb '82

Study and Teaching

Advanced aviation weapons training--USMC style. William P. Schlitz. illus AF Mag 65: 48-53 Feb '82

TAIWAN

Divided China: The view from Taipei. James C.Y. Soong. Intl Sec Rev 7:205-218 Summer '82

Nonsale of F-5Gs to Taiwan could shape future arms policy. Bud Andrews. AF Times 42:3 Jan 25 '82

Taiwan and the F-5G denial. tab illus Asian Def J No.4:36-37 '82

The Taiwan dilemma. William V. Kennedy. map Natl Def 66:53-54+ May-Jun '82

TANK WARFARE see Armored WarfareTANKERS

The marine environment and maritime security in Southeast Asia: Controlling oil tanker traffic in the Strait of Malacca. Daniel P. Finn. Nav War Col Rev 34:49-59 Nov-Dec '81

TANKS, MILITARY

ATGW development trends. Konrad Alder. illus Armada Intl 6:10-11+ May-Jun '82

Battle tank combat effectiveness increase. illus Armada Intl 6:108+ Mar-Apr '82

The light tank: A viable proposal? Richard Simpkin. tabs illus Mil Tech 6:92+ Nov '82

State of the art in tank development. Paul Werner Krapke. illus tabs Armada Intl 6: 6-10+ Mar-Apr '82

Tank-automotive news. Regular feature in some issues of National Defense

Tanks and armoured vehicles in the market. Col Norman L. Dodd, Ret. illus Asian Def J No.3:52-57 Mar '82

TANKS, MILITARY - Continued

Vertical anti-tank defence. LtCol Pierre Crèvecoeur. illus Armada Intl 6:57+ May-Jun '82

Armament

Battle tank combat effectiveness increase. illus Armada Intl 6:108+ Mar-Apr '82

The choice of armament for light AFVs (Armored Force Vehicles). Enrico Po. illus (Also cutaway) Mil Tech 6:30+ Feb '82

The Ferranti Falcon tank fire-control system. Mark Hewish. illus tabs Intl Def Rev 15, No.3:332-334 '82

New tank gun calibration policy. Maj James D. Brown and Capt Robert L. Kloecker. tabs illus Armor 91:17-21 Jul-Aug '82

The 120-mm gun improves penetration. Capt John W. Holly. tab Armor 91:18-19 Sep-Oct '82

The SHARK goes for the big guns. illus Mil Tech 6:71-72+ Oct '82

Self-propelled AA (Anti-Aircraft) gun systems. Enrico Po. illus (Also cutaway) Mil Tech 6:29-30+ Mar '82

Trends in fire control systems for MBTs (Main Battle Tank). Günther Joeckel and Eberhard Kühn. illus Mil Tech 6:60-65+ Jul '82

U.S. Army conventional armament program build-up. Wolfgang Flume. illus Mil Tech 6:84+ Feb '82

Characteristics

Abrams and Leopard 2--a user's view of the heavyweights. D.H.C. Jenkins. illus (Also cutaway) tab Intl Def Rev 14, No.12:1657-1664 '81

Armor operations in built-up areas. LtCol Curtis V. Esposito. illus Armor 91:26-30 Jul-Aug '82

Armored combat vehicle technology. Newell R. Murphy, Jr. tabs illus Armor 91:20-25 Nov-Dec '82

BFV: Integral part of combined force. illus Officer 58:16-18 Sep '82

The best tank ever built. LtCol Royce R. Taylor, Ret. illus Armor 91:33-37 Jan-Feb '82

The light tank: A viable proposal? Richard Simpkin. tabs illus Mil Tech 6:92+ Nov '82

The M-1, Leopard II, and Switzerland: Two tanks in comparison. Karl Schnell. illus tab Armed Forces J Intl 120:89+ Nov '82

The SHARK goes for the big guns. illus Mil Tech 6:71-72+ Oct '82

The Soviet tank mystique. Maj Raphael A. Riccio. illus Armor 91:32-34 Nov-Dec '82

State of the art in tank development. Paul Werner Krapke. illus tabs Armada Intl 6: 6-10+ Mar-Apr '82

TANKS, MILITARY - ContinuedCharacteristics - Cont'd

T-34 to T-80--the evolution of Soviet battle tanks plus the IDR (International Defense Review's) T-62 test report. D.H.C.Jenkins. illus Intl Def Rev 14, No.12:1649-1654 '81

The T-72 tank. Col D.Ivanov. illus Soviet Mil Rev No.9:30-33 Sep '82

T-72 tank operation in a desert. Col D. Ryazantsev. illus Soviet Mil Rev pt 1, No.12:24-26 Dec '82

Testing the Vickers Valiant and AMX-32 middleweights in the ring. D.H.C.Jenkins. illus tab Intl Def Rev 14, No.12:1668-1675 '81

Design

Abrams and Leopard 2--a user's view of the heavyweights. D.H.C.Jenkins. illus (Also cutaway) tab Intl Def Rev 14, No.12:1657-1664 '81

Battle tank design--some thoughts for the future. illus Intl Def Rev 15, No.2:171-176 '82

British Army introduces the Challenger. Richard M.Ogorkiewicz. illus Armor 91:32-36 Mar-Apr '82

State of the art in tank development. Paul Werner Krapke. illus tabs Armada Intl 6: 6-10+ Mar-Apr '82

T-34 to T-80--the evolution of Soviet battle tanks plus the IDR (International Defense Review's) T-62 test report. D.H.C.Jenkins. illus Intl Def Rev 14, No.12:1649-1654 '81

Testing the Vickers Valiant and AMX-32 middleweights in the ring. D.H.C.Jenkins. illus tab Intl Def Rev 14, No.12:1668-1675 '81

Weapons versus armor: A new approach. Clifford D. Bradley. illus tab Armor 91:22-25 Jul-Aug '82; Armada Intl 6:58+ Sep-Oct '82

Maintenance and Repair

Repair work in the combat zone. LtCol P. Studenikin. Interview. Soviet Mil Rev No.12:27-29 Dec '82

Power Plants

The adiabatic engine revolution. Col Herbert H.Dobbs and Walter Bryzik. illus Armor 91: 16-21 Jan-Feb '82

Engines for combat vehicles. Col Samuel Myers. tabs Armor 91:14-16 Nov-Dec '82

Study and Teaching

Ivan has training problems. Arthur W. McMaster III. illus Armor 91:31-34 May-Jun '82

Survivability

Engineer combat multipliers for the maneuver force. Col James R.Whitley and others. illus tabs Mil Rev 62:43-51 Sep '82

TANKS, MILITARY - ContinuedSurvivability - Cont'd

On omens & oracles (on whether to dig fighting positions for tanks). Col Gerald C. Brown. tab illus Mil Rev 62:52-56 Sep '82

Austria

Steyr armoured vehicles. R.M.Ogorkiewicz. tab illus Intl Def Rev 15, No.4:465-470 '82

Europe

Simulators: The European experience. Paul A. Chadwell. illus Natl Def 66:28-31 Mar '82

Europe, Western

The SHARK goes for the big guns. illus Mil Tech 6:71-72+ Oct '82

France

Testing the Vickers Valiant and AMX-32 middleweights in the ring. D.H.C.Jenkins. illus tab Intl Def Rev 14, No.12:1668-1675 '81

Germany (West)

Abrams and Leopard 2--a user's view of the heavyweights. D.H.C.Jenkins. illus (Also cutaway) tab Intl Def Rev 14, No.12:1657-1664 '81

Leopard 2 tank. Paul-Werner Krapke. illus tab Asian Def J No.3:58-61 Mar '82

The M-1, Leopard II, and Switzerland: Two tanks in comparison. Karl Schnell. illus tab Armed Forces J Intl 120:89+ Nov '82

New Rheinmetall 105mm gun on Mowag Shark wheeled armoured vehicle. B.Sauerwein-Reznicek. illus Intl Def Rev 15, No.7: 929-930 '82

Great Britain

British Army Equipment Exhibition 1982. tab illus Mil Tech 6:51-52+ Oct '82

British Army introduces the Challenger. Richard M.Ogorkiewicz. illus Armor 91:32-36 Mar-Apr '82

MCV80--the new British Infantry combat vehicle. R.M.Ogorkiewicz. tab illus Intl Def Rev 15, No.6:721-726 '82

Testing the Vickers Valiant and AMX-32 middleweights in the ring. D.H.C.Jenkins. illus tab Intl Def Rev 14, No.12:1668-1675 '81

Exhibitions

British Army Equipment Exhibition '82. George Gibbs. illus Asian Def J No.8:62-64+ Aug '82

Soviet Union

Armoured shield of the motherland. ColGen Yu. Potapov. illus Soviet Mil Rev No.9: 9-12 Sep '82

TANKS, MILITARY - ContinuedSoviet Union - Cont'd

Ivan has training problems. Arthur W. Mc-Master III. illus Armor 91:31-34 May-Jun '82

Repair work in the combat zone. LtCol P. Studenikin. Interview. Soviet Mil Rev No.12:27-29 Dec '82

The Soviet tank mystique. Maj Raphael A. Riccio. illus Armor 91:32-34 Nov-Dec '82

Soviet weaponry: Simple, rugged--and redoubtable. Edwin W. Besch and Ronald E. Fischer. illus Army 32:18-24 Feb '82

T-34 to T-80--the evolution of Soviet battle tanks plus the IDR (International Defense Review's) T-62 test report. D.H.C. Jenkins. illus Intl Def Rev 14, No.12:1649-1654 '81

The T-72 tank. Col D. Ivanov. illus Soviet Mil Rev No.9:30-33 Sep '82

T-72 tank operation in a desert. Col D. Ryazantsev. illus Soviet Mil Rev pt 1, No.12:24-26 Dec '82

Spain

Close up on Spain. The Spanish defence industry. M. Ramirez Gabarrus. illus Mil Tech 6: 86-89+ Mar '82

Switzerland

Switzerland is modernising: A discussion of Swiss defence plans. illus (Also cutaway) Mil Tech 6:46+ Feb '82

United States

Abrams and Leopard 2--a user's view of the heavyweights. D.H.C. Jenkins. illus (Also cutaway) tab Intl Def Rev 14, No.12:1657-1664 '81

BFV: Integral part of combined force. illus Officer 58:16-18 Sep '82

The best tank ever built. LtCol Royce R. Taylor, Ret. illus Armor 91:33-37 Jan-Feb '82

Judge Abrams battle tank for yourself. illus Officer 58:21-24 Jun '82

The M-1, Leopard II, and Switzerland: Two tanks in comparison. Karl Schnell. illus tab Armed Forces J Intl 120:89+ Nov '82

M-60A3 tanks, ITVs roll out for the Army Guard. illus Natl Guard 36:20-22 Oct '82

Maneuver training areas--an endangered species? Blair Case. illus Air Def Mag, pp 31-34, Apr-Jun '82

The 120-mm gun improves penetration. Capt John W. Holly. tab Armor 91:18-19 Sep-Oct '82

Standard prepare-to-fire checks. LtCol Lemos L. Fulmer and others. Armor 91:35-37 Nov-Dec '82

TANKS, MILITARY - ContinuedUnited States - Cont'd

Weapons versus armor: A new approach. Clifford D. Bradley. illus tab Armor 91:22-25 Jul-Aug '82; Armada Intl 6:58+ Sep-Oct '82

History

A jaundiced view of tanks. MSgt R.E. Rogge, Ret. illus Armor 91:15-17 Sep-Oct '82

TARGET ACQUISITION

See also
Detection Equipment

APPS (Analytical Photogrammetric Positioning System): The unsung targeting aid. Capt Philip J. Millis. illus Fld Arty J 50:18-19 Nov-Dec '82

Ground surveillance and target acquisition radar for the brigade commander. William Fishbein and Seymour L. Hersh. Signal 37: 62-63 Nov '82

Hawk goes optical (with the tracking adjunct system). Capt Robert Pratico. illus Air Def Mag, pp 21-23, Oct-Dec '81

LAMPS MK III ship/air weapon system: A tactical/surveillance force. C. Del Babb. illus Signal 37:8+ Oct '82

MM-wave and infrared: A hybrid for all-weather weapons delivery. Arthur C. Levitan. illus tabs Mil Elect/Countermeasures 8:100-103 Feb '82

Making a targeting cell work. Maj Joseph E. Halloran III. illus Fld Arty J 50:11-14 Nov-Dec '82

New-generation Alpha Jet--greater capability in navigation and attack. Germain Chambost. illus tab Intl Def Rev 15, No.8:1049-1052 '82

New tank gun calibration policy. Maj James D. Brown and Capt Robert L. Kloecker. tabs illus Armor 91:17-21 Jul-Aug '82

PGMs achieve stand-off range with sophisticated guidance systems. David M. Russell. illus Def Elect 14:94-98 Nov '82

Tank breaker: Developing technology for a Dragon replacement. Mark Hewish. illus Intl Def Rev 15, No.9:1212-1215 '82

Target acquisition. 1stLt John S. Prather and Capt Scott R. Gourley. illus MarCor Gaz 66: 59-66 Mar '82

The targeting element. Capt James R. Clark. illus Fld Arty J 50:6-10 Nov-Dec '82

The universal observer. Capt R. Des Lauriers and others. illus tab MarCor Gaz 66:55-61 Aug '82

VISTA (Very Intelligent Surveillance and Target Acquisition)--a view of the future. William E. Vander Meer. illus J of Elect Def 5:47-48+ Oct '82

TARGET IDENTIFICATION see Target Acquisition

TARGET RANGES see Bombing and Gunnery Ranges

TARGETS, AERIAL

See also
Drones

TARGETS AND TARGETING

Battlefield targeting: A requirement that won't go away. Dan Boyle. illus Interavia 37:959-960 Sep '82

Dive toss: Prior to the pass. Capt Wesley B. Hester. illus USAF Ftr Wpns Rev No.4:9-12 Spring '82

Evolution of the adaptive proximity fuze. Richard P.Fairall. illus Natl Def 66:26-28+ Apr '82

MAP (Minimum Attack Perimeter) has driven me to MAD (Minimum Approach Distance). Capts Gary L.Hooker and Paul Dordal. illus USAF Ftr Wpns Rev No.4:6-8 Spring '82

The Mystere 20: Target tug. Germain Chambost. illus Intl Def Rev 15, No.11:1546 '82

The theater nuclear threat. Joseph D.Douglass, Jr. Parameters 12:71-81 Dec '82

U.S. strategic forces: How would they be used? Desmond Ball. Intl Sec 7:31-60 Winter '82/'83

TAXES AND TAXATION

Depreciation policy reform and the defense industrial base. Maj Richard J.Wall. tab Def Mgt J 18:28-35 Third Quarter '82

European overview: Competition, education, taxation. Franz A.P.Frisch. illus tabs Concepts pt 1, 5:7-44 Winter '82; pt 2, Comparative investment patterns. 5:14-38 Spring '82

'Flat tax' may endanger military exclusions. Tom Philpott. AF Times 43:14 Sep 20 '82

'Flat tax' may stir call for salaries. AF Times 43:21 Sep 27 '82

General Support Division (GSD) stock fund surcharge. TIG Brief 34:6 Apr 30 '82

Legislation opens IRA to military. LtCol Edwin C.Schilling III. Officer 58:30-32 Mar '82

Making taxes work for you. Capt John L. Samuelson. tabs Airman 26:26-30 Dec '82

New tax benefits for military electronics R&D. Robert Feinschreiber. Mil Elect/Countermeasures 8:105-106 Feb '82

New tax benefits for R&D. Robert Feinschreiber. tabs Mil Engr 74:206-208 May-Jun '82

Retirement supplement. AF Times 42:24p sup opposite p 32 Feb 22 '82; 24p sup opposite p 32 Jul 12 '82; 24p sup opposite p 40 Nov 15 '82

TAXES AND TAXATION - Continued

Six states take up legislation that would affect military members. AF Times 42:24 Feb 22 '82

(Supreme) Court to review vet lobbyists' tax status. Tom Philpott. AF Times 43:10 Oct 25 '82

Tax bill prods child support delinquents. Tom Philpott. AF Times 43:3 Sep 6 '82

Tax guide for Reservists. Capt R.Michael Lantz, Jr. Officer 58:26+ Feb '82

Taxes: A special supplement for the military. Tom Philpott and others. AF Times 42:23-24+ Mar 1 '82

(U.S. Court of Appeals) ruling threatens tax status of vet groups. Allen Carrier. AF Times 42:14 May 3 '82

TAYLOR, Maxwell D.

Maxwell Taylor proposes 2 groups in place of JCS. Martha Lynn Craver. AF Times 43:12 Aug 2 '82

TEACHERS AND TEACHING

See also
Instructor Pilots

Air Force junior instructor: The best of two worlds. SMSgt Rodney A.Franklin. Sergeants 21:18-19 Oct '82

A cadet corps tri-deputy organization. LtCol Patrick F.Maderia, Jr and Capt Conrad G. Bills. illus chart Educ J 24:41-44 AY '82/'83

Communication--key to an effective Commandant of Cadets and Cadet Corps Commander relationship. 2dLt Jim H.Crumpacker. illus Educ J 24:48-50 AY '82/'83

The importance of interpersonal relationships in teaching officership. Capt Kevin W. O'Callaghan. Educ J 24:25-26 AY '82/'83

Impromptu--a key for developing creativity and flexibility. Capt Marshall C.Pollard. Educ J 24:27-28 AY '82/'83

Officership training: A quest for excellence. Capt Peter U.Sutton. illus Educ J 24:13-19 AY '82/'83

The three dimensional case study (R^2-S^2). Capt Adrienne R.Campbell. Educ J 24:29-32 AY '82/'83

Two for the price of one (or how we doubled the amount of leadership training in the same amount of time). Maj George W.Greer. Educ J 24:45-47 AY '82/'83

Why leave training to amateurs? Sgt1C Paul D.Hanson. illus Mil Rev 62:40-44 May '82

Working together--getting things done. Capt Robert F.Henke. Educ J 24:33-36 AY '82/'83

TECHNICAL EDUCATION see Education, Technical

TECHNICAL ORDERS

Are you violating Air Force policy? TIG Brief 34:4 Dec 20 '82

Automating wing and squadron level technical order distribution control. Gerard F.King. illus Log Spectrum 15:32-35 Winter '81

How do you use tech data? TAC Attack 22:20-21 May '82

Integrated maintenance information system: An imaginary preview. Robert C.Johnson. AF J Log 6:15-17 Summer '82

Managing and improving the technical order system. TIG Brief 34:4 Jun 25 '82

Transportation maintenance and munitions. TIG Brief 34:11 Apr 16 '82

TECHNICAL PERSONNEL see Manpower, Technical

TECHNOLOGY

See also
War and Technology

(AFCEA) sustaining members' luncheon address. ADM John G.Williams, Jr. illus por Signal 36:21-23 Aug '82

Aerospace international. Regular feature in issues of Military Technology beginning with March 1982

Air Force speeding development cycle (accelerating the introduction of new technologies to military systems). James Fawcette. Interview. illus por Def Elect 14:65+ Sep '82

America's engineering dilemma. Gen Thomas M. Ryan, Jr. illus Mil Engr 74:424-426 Nov-Dec '82

Armor technology. Joseph E.Backofen, Jr. illus Armor pt 1, 91:39-42 May-Jun '82; pt 2, 91:35-37 Sep-Oct '82

The assault breaker program: U.S. stand-off weapon technology of the future. Mark Hewish. illus Intl Def Rev 15, No.9:1207-1211 '82

Bluewater blueprint: The fleet of the future--some guiding principles. John E.Moore. illus Sea Power pt 1, 25:119-120+ Apr '82; pt 2, The fleet of the future--the impact of technology. James W.Lisanby and Reuven Leopold. 25:127-128+ Apr '82

C³: Progress and developments. CDR R.Robinson Harris. illus US Nav Inst Proc 108: 114-117 Dec '82

C³I: Essential to preparedness. illus Signal 36:17+ May-Jun '82

Chaff (for blinding radar): EW's window of vulnerability. David Harvey. Def & For Aff 9:31-32 Nov '81

The China syndrome. Edward Teller. Mil Sci & Tech 2:37-40 '82

TECHNOLOGY - Continued

Computer technology in command-and-control. illus Pac Def Rep 8:64 Mar '82

Defense myths--and facts. Gen Robert C. Mathis, Ret. illus por AF Mag 65:15-17 Jun '82

Defense Science Board reports on the technology base. John J.McIntyre. Def Sci 2000+ 1:42+ May-Jun '82

Different directions: Planning for tomorrow's Corps. MajGen R.C.Schulze, Ret. illus MarCor Gaz 66:30-37 Mar '82

Economic analysis in the military communications/electronics environment. Thomas P. Frazier and Francis J.Henry, Jr. illus tabs Signal 37:27-33 Sep '82

Fiber-optic technology takes to the air. Theodore J.Urbanik. illus Mil Elect/Countermeasures 8:32+ Oct '82

French industry--new programs and technological resources. Pierre Condom and Germain Chambost. illus Interavia 37:583-585 Jun '82

The future marriage of strategic national and tactical C³I assets. Robert J.Hermann. Signal 36:44-46 Aug '82

Getting the message across (Cairo Military Exhibition and Conference on Strategic Directions). illus Def & For Aff 9:14-15+ Nov '81

Implications of space to the U.S. Navy. Eberhardt Reichtin. Signal 36:57-59 Mar '82

Industry news. Regular feature in issues of Defense Electronics

Information processing--visions of the future (use of computers in the information age). James L.Bispo and others. illus Signal 36: 13-14+ Feb '82

International Naval Technology Expo '82. illus Intl Def Rev 15, No.5:623-630 '82

Is technology the culprit? CAPT J.R.See-sholtz. illus US Nav Inst Proc 108:46-50 Jun '82

Logistics and advanced technology. Gary H. Lunsford and others. AF J Log 6:32-35 Summer '82

MILTECH news. Regular feature in some issues of Military Technology beginning with February 1982

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

Monochannel direction finding improves monopulse technique. Douglas E.Klaus and Richard P.Hollis. illus Def Elect 14:35-38+ Mar '82

Navy helicopters. L.Kim Smith. illus NATO's Fifteen Nations 27:48+ Jun-Jul '82

TECHNOLOGY - Continued

New weapon technology and sortie-effectiveness: Another way to calculate combat power. LtCol Heinrich J.Schepke. illus tabs Jt Persp 2:3-13 Spring '82

"The now of logistics technology." Clyde Skeen. Log Spectrum 15:40-44 Winter '81

On the razor's edge of technology. Capts Anthony J.Kwan and J.D.Wilson. illus AF Engrg & Svcs Qtr 23:28-32 Spring '82

Outer space for man--a Soviet vision. Georgy Petrov. illus NATO's Fifteen Nations 27: 42-44 Apr-May '82

P³I (Pre-Planned Product Improvement)--help in reducing weapon systems costs. LCDR Marlene M.Elkins. Concepts 5:105-110 Spring '82

A partnership for the year 2032 and beyond: The story of the National Science Center for Communications and Electronics. illus Signal 37:84-86 Nov '82

The politics of defence expenditure. William J.Perry and Walter B.LaBerge. illus NATO's Fifteen Nations 26:22-26 Dec '81-Jan '82

Research and technology. Regular feature in issues of International Defense Review

Research, science & technology. Regular feature in some issues of Defense Science 2000+

The robot revolution. William Bogie. illus Natl Def 66:56-60 May-Jun '82

The role of decision support systems in command and control. H.Bennett Teates. illus Signal 37:45-49 Sep '82

Science, Islam and peace. M.A.Kazi. Islamic Def Rev 7, No.3:2-6 '82

Small computers in the Army: An apple a day to keep the Soviets away. William P.Schneider. illus tab Signal 36:39-43 Feb '82

The soldier-machine connection. Peter D. Weddle. illus tab Mil Rev 62:60-68 Jan '82

Some strategic implications of breakthroughs in C³I. George H.Quester. Signal 36:25-28+ Mar '82

Space lasers and responsibility. Angelo Codevilla. Def Elect 14:21+ Sep '82

Tank breaker: Developing technology for a Dragon replacement. Mark Hewish. illus Intl Def Rev 15, No.9:1212-1215 '82

Technical information notes. Regular feature in issues of National Defense

Technology advancement in air cargo. J.T. Hinely, Jr. illus Def Trans J 38:39-45 Dec '82

Technology, communications and you. (Address, Northeast Region's Postal Forum, Hartford) VADM Jon L.Boyes, Ret. Signal 36:47-49 Jan '82

TECHNOLOGY - Continued

Technology news. Regular feature in issues of Military Electronics/Countermeasures

Technology, responsibility, and discipline in a free society. RADM Henry E.Eccles, Ret. Log Spectrum 16:24-30 Summer '82

U.S. and Soviet ship design practices, 1950-1980. CAPT James W.Kehoe, Ret. and others. illus tabs US Nav Inst Proc 108:118-133 May '82

VHSIC and commercial VLSI: Two sides of the same coin? Jeffrey Frey. illus Def Elect 14:79-80 Sep '82

We can't afford to lose the technological edge. Edgar Ulsamer. AF Mag 65:92-95 Feb '82

Weighing 5000.5X: Proposed computer standards create a storm of controversy. James E.Fawcette. tabs illus Def Elect 14:85-86+ Nov '82

International Cooperation

(Acting Deputy Under Secretary of Defense, Everett D.Greinke) "I don't think anybody really intended to have a one-to-one balance of purchases both ways." Interview. Deborah G.Meyer and Benjamin F.Schemmer. illus Armed Forces J Intl 120:66+ Sep '82

Divorce in the family of weapons (NATO's lack of standardization). Richard Sale. illus Def & For Aff 10:4-7 Mar '82

Search And Rescue Satellite Aided Tracking (SARSAT). Lt M.M.Blume. illus map Signal 36:51-56 Jan '82

"... you ought to look at what's happening on the other side of the two-way street." Interview. Deborah G.Meyer and Benjamin F.Schemmer. illus por Armed Forces J Intl 120:80+ Sep '82

TECHNOLOGY TRANSFERSee also

Technology--International Cooperation

The arms-oil connection--fueling the arms race. Avi Beker. Armed Forces & Soc 8: 419-442 Spring '82

Can we keep VHSIC information within our borders? Jack Saddler. illus Mil Elect/Countermeasures 8:18+ Dec '82

Critical technology transfer. TIG Brief 34:12 Jun 11 '82

Detente's dead giveaway. Sen William L.Armstrong. Sergeants 20:12-13 Apr '82; illus Officer 58:30-31 Jun '82

Military power is the root of Soviet expansionism. Edgar Ulsamer. AF Mag 65:38-42+ Mar '82

Nuclear proliferation. Lawrence Freedman. illus NATO's Fifteen Nations 26:16-18+ Dec '81-Jan '82

TECHNOLOGY TRANSFER - Continued

Operation Exodus puts clamps on unorthodox exporters. Lisé Hurst Lovell. Mil Elect/Countermeasures 8:60 Nov '82

The reality of technology transfer. M.Afaf. Islamic Def Rev 7, No.1:39-40 '82

The Soviet connection I: Raiding the Free World's technology. Richard N.Perle. Defense/82, pp 10-15, Feb '82

Tech transfer: Buy now, pay later. Irving M. Gottlieb. Mil Elect/Countermeasures 8:20-21 Sep '82

Technology trade policy with the Communist block. Sen William L.Armstrong. Signal 37:39-41 Oct '82

The technology transfer. MajGen Doyle E. Larson. illus por J of Elect Def 5:41-42+ Aug '82; Signal 37:55-57 Oct '82

Technology transfer and indigenous R&D for self-defence. M.M.Qurashi. tabs Islamic Def Rev 7, No.2:2-15 '82

Technology transfer and U.S. national security. Wayne A.Schroeder. Mil Sci & Tech 2, No.1:60-65 '82

Technology transfers a 'one-way street.' Pac Def Rep 9:82+ Sep '82

The U.S. Navy: Selling (and buying) abroad. Norman Polmar. tabs illus US Nav Inst Proc 108:213-215+ May '82

VHSIC (Very High Speed Integrated Circuits) program shaping technology transfer restrictions. David M.Russell. illus Def Elect 14:75-77+ Aug '82

Washington tries to clamp down with high-tech export controls. Ehud Yonay. illus Def Elect 14:76-78+ Sep '82

Weinberger: 'Our primary goal is to establish and maintain maritime superiority.' L.Edgar Prina. illus Sea Power 25:50+ Mar '82

TELECOMMUNICATIONS see Communications Systems

TELECONFERENCING

Health care telecommunications. Robert S. Magnant. map Signal 36:31+ Jan '82

Video teleconferencing for crisis applications. Clinton W.Kelly III. illus Signal 36:27-29+ Jul '82

TELEPHONES AND TELEPHONE SERVICE

Audit finds redline phone abuse in Europe. Tom Philpott. AF Times 43:25 Aug 23 '82

Cellular radio--a new era in telecommunications. Thomas Lamoureux. illus Signal 37:59-63 Sep '82

The impact of mobilization on the telephone network. Robert E.Gradle. illus Signal 36:64-66 Aug '82

TELEPHONES AND TELEPHONE SERVICE - Continued

Message accounting: Telephone systems control in the military environment. Bruce Koppenhoefer. illus tabs Signal 36:91-94 May-Jun '82

History

'Black Jack's girls.' Karen L.Hillerich. illus Army 32:44-48 Dec '82

TELEVISION

(Gen William C.) Westmoreland sues CBS for \$120-million over "Vietnam deception" documentary. Benjamin F.Schemmer. por Armed Forces J Intl 120:12+ Oct '82

Television computer games: A 'new look' in performance testing. Robert S.Kennedy and others. tabs Aviation, Space & Envmt Med 53:49-53 Jan '82

Military Applications

Interactive TV teaches Navy technicians electronic maintenance. illus J of Elect Def 5:67-68 Sep '82

Skytrack (ground based cinetheodolite network). illus Asian Def J No.7:27-28 Jul '82

TV and integrated gunnery training. Maj Robert Heritsch. illus Armor 91:8-11 Sep-Oct '82

To see, but not to be seen. Comdr J.Ellsén and J.Järnekull. illus Armada Intl 6:64+ May-Jun '82

TELEVISION IN AERONAUTICS

Skytrack (ground based cinetheodolite network). illus Asian Def J No.7:27-28 Jul '82

Television computer games: A 'new look' in performance testing. Robert S.Kennedy and others. tabs Aviation, Space & Envmt Med 53:49-53 Jan '82

TELEVISION IN EDUCATION

Interactive TV teaches Navy technicians electronic maintenance. illus J of Elect Def 5:67-68 Sep '82

TELLER, Edward

The China syndrome. Edward Teller. Mil Sci & Tech 2:37-40 '82

RPV/UVS systems may be the key to surviving military conflict with Moscow. Edward Teller. illus Mil Elect/Countermeasures 8:72-73 Dec '82

TEMPERATURE

See also
Heat

The PASTAGRAM--revised and explained. Maj Michael J.Sieverding. illus Navigator 29:13-15 Winter '82

Weather and darkness in contemporary naval operations. CDR Linton Wells II. illus US Nav Inst Proc 108:150-167 May '82

TEMPORARY DUTY

Administration will ask Hill for flat-rate per diem. AF Times 42:1+ May 24 '82

Enlisted PCS money cut \$4.50 per day. AF Times 42:1+ Jan 18 '82

Government-wide per diem nears OK. Tom Philpott. AF Times 43:1+ Aug 9 '82

JCS, EM advisors push for per diem equity. AF Times 42:2 Mar 15 '82

Overseas TDY per diem rule changed. AF Times 42:11 May 10 '82

TENANT UNITS

Host-tenant support for Air Reserve forces occupational health programs. TIG Brief 34:15 Jul 23 '82

TERMINALS, TRANSPORT

Estimating in-transit storage capacity. Capt Jeffrey C. Hilton. tab illus Army Log 14: 22-25 Nov-Dec '82

MTMC acquires sixth ocean terminal. Juan R. Melendez, Jr. Translog 13:1 Mar '82

MTMC terminal Pusan (Korea). illus Translog 13:10-13 Dec '82

Rhine River Terminal--site of ammunition test. Capt Frederick C. Perkins. illus Translog 13:10-12 May '82

TTU Iskenderun (Turkey)--a truly remote terminal. LtCol Thomas J. Barrowman. illus Translog 13:10-12 Jan '82

TERRAIN FLYING see Flight, Low-Altitude

TERRAIN VEHICLES see All-Terrain Vehicles

TERRORISM

AFOSI's counterintelligence program: Tailor made. Col Richard S. Beyea, Jr. TIG Brief 34:1-2 Nov 29 '82

The Air Force antiterrorism program: Planning and flexibility the key. TIG Brief 34:18 Apr 30 '82

Antiterrorism office opens at Pentagon. Don Mace. AF Times 43:7 Nov 29 '82

The conflict index. Regular feature in issues of Defense & Foreign Affairs

The extended flank--report on Turkey. Frederick Bonhart. illus NATO's Fifteen Nations 27:36-37+ Jun-Jul '82

Financing international terrorism. M.K. Pilgrim. Intl Sec Rev 7:47-68 Spring '82

Gains for Soviet policy in the Middle East. Shahram Chubin. Intl Sec 6:122-152 Spring '82

TERRORISM - Continued

International terrorism: Background and response. (Review essay) Richard G. Braungart and Margaret M. Braungart. J Pol & Mil Sociol 9:263-288 Fall '81

The jackal reborn: The Brinks robbery and terrorism in the United States. Samuel T. Francis. Intl Sec Rev 7:98-124 Spring '82

Law makers & law enforcers discuss domestic terrorism. Sen John East. Intl Sec Rev 7: 79-98 Spring '82

Military hostages: What they need to know and don't. LtCol Richard E. Porter. AU Rev 33:94-101 Jan-Feb '82

Modern weapons and equipment increase the striking power of counter-terrorist groups. Karl Gerhard Bornmann. Mil Tech 6:155-158+ Aug '82

Organizing for counter-terrorism. Howard R. Simpson. illus Strat Rev 10:28-33 Winter '82

Publication of new antiterrorism regulation (AFR 208-1). TIG Brief 34:3 Nov 15 '82

Puerto Rico's terrorist threat: A strategic problem. Capt Tom Linn. illus Def & For Aff 9:24-27 Oct '81

Rewarding terrorism: The U.S.-Iranian hostage accords. Stuart S. Malawer. illus Intl Sec Rev 6:477-496 Winter '81/'82

Surviving a hostage situation. Capt Robert T. Wolfertz. MarCor Gaz 66:18-20 Jan '82

Taming terrorism: In search of a new U.S. policy. N.C. Livingstone. Intl Sec Rev 7: 17-34 Spring '82

Terrorism as a political tool. Richard Cluttbuck. illus NATO's Fifteen Nations 26: 49-50+ Dec '81-Jan '82

Terrorism awareness: Tips for travelers. LtGen Howard W. Leaf. TIG Brief 34:2 Apr 2 '82

Terrorism, sabotage and telecommunications. Francis P. Hoeber. tab Intl Sec Rev 7:289-304 Fall '82

Terrorists and chemical/biological weapons. Elliott Hurwitz. Nav War Col Rev 35:36-40 May-Jun '82

Terrorists mean business. SP5 Bill Branley. illus Soldiers 37:6-10 Jul '82

Terrorists want you. MSgt Alan Prochoroff. Airman 26:36-41 Sep '82

Thinking about nuclear terrorism. Thomas C. Schelling. Intl Sec 6:61-77 Spring '82

Italy

Terrorists mean business. SP5 Bill Branley. illus Soldiers 37:6-10 Jul '82

TERRORISM - ContinuedSoviet Union

Some perspectives on terrorism and the Soviet Union. Yonah Alexander. Intl Sec Rev 7: 35-45 Spring '82

Terrorism: Moscow's motive. Ernst Halperin. Intl Sec Rev 7:69-78 Spring '82

Unspiking Soviet terrorism. Arnaud de Borchgrave. Intl Sec Rev 7:3-16 Spring '82

Uganda

Operation Jonathan: The rescue at Entebbe. LtCol Jonathan (Yoni) Netanyahu. Interview. maps Mil Rev 62:2-23 Jul '82

United StatesHistory

Without much blood (John Brown's attack on Harpers Ferry, VA, Oct 1859). Lester B. Hazen. map illus Mil Rev 62:57-66 Sep '82

TEST AND EVALUATION COMMAND

Cold regions test center. SSgt Terri Wiram. illus Soldiers 37:24-26 Oct '82

Operational testing of new field artillery systems. LtCols B.H.Ellis and R.F.Bell. illus Fld Arty J 50:8-12 Sep-Oct '82

TEST FACILITIES

Cold regions test center. SSgt Terri Wiram. illus Soldiers 37:24-26 Oct '82

The idea factory (High Technology Test Bed, Ft. Lewis, WA). SP5 Bill Branley. illus Soldiers 37:23-25 Mar '82

Testing TAC's hardware. Fred Leo. illus TAC Attack 22:4-7 Jan '82

TEST PILOTS

Leading roles (Air Force test pilots). Maj Anthony Lynn Batezel. illus Airman 26:22-26 Sep '82

TESTS AND MEASUREMENTS

See also
Aptitude

Aviator selection research: Then and now. John A.Dohme and others. illus tabs USA Avn Dig 28:24-29 Jun '82

The little red schoolhouse overseas. Beth Stephens. illus tabs Defense/82, pp 13-17, Dec '82

Television computer games: A 'new look' in performance testing. Robert S.Kennedy and others. tabs Aviation, Space & Envmt Med 53:49-53 Jan '82

THAILAND

Thailand, the front-line state. Hans H.Indorf. map illus Pac Def Rep 8:36+ Apr '82

Foreign Relations

How Thailand copes with communist insurgency. Gen Saiyud Kerdphol. illus Pac Def Rep 8: 58+ Mar '82

THAYER, W. Paul

Senate panel okays (W.Paul) Thayer as deputy defense secretary. AF Times 43:53 Dec 27 '82

THERMODYNAMICS

The adiabatic engine revolution. Col Herbert H.Dobbs and Walter Bryzik. illus Armor 91: 16-21 Jan-Feb '82

The French modular thermal-imaging system. Gowri S.Sundaram. illus Intl Def Rev 15, No.4:497-498 '82

THINK TANKS see Research Centers

THIRD WORLD

Implications of security patterns among developing states. Edward A.Kolodziej. illus tabs AU Rev 33:2-22 Sep-Oct '82

Trends in American arms transfers. Alex Gliksman. illus tabs Natl Def 67:34-37+ Oct '82

Economic Conditions

North-South relations in the 1980s. Theodore H.Moran. Nav War Col Rev 35:23-32 Sep-Oct '82

Strategic Importance

Responding to Soviet intervention in the Third World. Thomas H.Etzold. Nav War Col Rev 35:25-35 May-Jun '82

THOMPSON, Richard H.

Deputy Chief of Staff for Logistics, United States Army. White Paper 1982--Logistics Directions for the 1980's. LtGen Richard H.Thompson. Def Trans J 38:35-36+ Oct '82

Equipping the total force. LtGen Richard H. Thompson and Maj William R.Johnson. illus tabs Army Log 14:2-7 Nov-Dec '82

A logistics function--DOD water 'works.' LtGen Richard H.Thompson and Capt Daniel G.Mongeon. Army Log 14:6-8 Jan-Feb '82

THOUGHT AND THINKING

See also
Decision Making
Problem Solving

THRUST

F100 engine update. illus TAC Attack 22:12-14 Jan '82

THUNDERBIRDS

(Maj James D.) Latham named T-Bird chief; show schedule uncertain. Leonard Famiglietti. illus AF Times 42:2 Jun 21 '82

T-Birds look to October shows. AF Times 42:4 Jul 12 '82

T-Birds to take on dual role. Leonard Famiglietti. illus AF Times 42:2 Apr 12 '82

Thunderbird accident cause--stabilizer-related, not pilot. illus AF Times 42:23 Apr 12 '82

Thunderbirds to remain together despite crash. Leonard Famiglietti. illus AF Times 42:3 Feb 1 '82

THUNDERSTORMS

Anyway you spell it, thunderstorms are . . . trouble with a capital "T." illus MAC Flyer 29:9 Jul '82

A new view of thunderstorms: Here's some new information on that old nemesis of flying. MSgt James A. Hoy. illus Flying Safety 38:25-26 May '82

Wind shear: Mother nature at her worst. LCDR Joe Towers. illus MAC Flyer 29:4-6 Jun '82

THURMAN, Maxwell R.

New Army's power is its people. LtGen Maxwell R. Thurman. illus Army 32:94-96+ Oct '82

TIBETDescription and Travel

Training on the 'roof of the world.' MajGen Ernest F. Easterbrook. illus Army 32:25-28 Jan '82

TIME

Time: Do we have control? TIG Brief 34:12 Jul 9 '82

TIRES

See also
Airplanes, Military--Tires

Tyre feature requirements in modern military transport. B. Mills. tabs illus Armada Intl (Special Issue II) 6:10-12+ Sep-Oct '82

TITANIUM see MetalsTOLLEY, Kemp

Learning their lingo. RADM Kemp Tolley, Ret. illus US Nav Inst Proc 108:70-72 Oct '82

TORPEDOES

NATO's Navies torpedoes. Christian Eliot. NATO's Fifteen Nations Special Issue No. 2:122+ '82

TORPEDOES - Continued

Protecting the carrier against torpedo attack. LCDRs James G. O'Keefe and David L. Hallenbeck. Nav War Col Rev 35:50-53 Jan-Feb '82

Sting ray goes to war. H.C. Davies. illus NATO's Fifteen Nations 27:65-66+ Jun-Jul '82

The Stingray (torpedo) goes to war. illus Pac Def Rep 9:55 Aug '82

TOTAL FORCE CONCEPT

Combat commanders must have best. (Excerpts from presentation, ROA Mid-Winter Meeting, Washington) LtGen Robert C. Kingston. illus Officer 58:14-16 May '82

Equipping the total force. LtGen Richard H. Thompson and Maj William R. Johnson. illus tabs Army Log 14:2-7 Nov-Dec '82

Gallant Eagle 82--total Army logistics. tab Log Spectrum 16:30-32 Fall '82

Guard commands Regulars? "Never happen," you say. illus Natl Guard 36:20-21+ Sep '82

Medical readiness of the Guard and Reserve is a total force shortage. illus Natl Guard 36:18-19+ Jun '82

Mobilization for a European war: The impact of habeas corpus. Maj Jon P. Bruinooge. AF Law Rev 22, No. 3:205-281 '81/'82

More than a 'come as you are' war. (Providing the Reserve forces with equipment that is identical to that furnished the active forces) CAPT Paul E. Smith. illus Natl Guard 36:28-30 Feb '82

NGAUS Red Book: Fully equipped Guard is the goal. illus Natl Guard 36:9-12+ Apr '82

Professional military education. Col Rodney Bricker. illus Air Reservist 34:8-9 Dec '81/Jan '82

The SecDef's unique advisory board: Ombudsman for the Guard & Reserve. Louis J. Conti. illus tab Defense/82, pp 18-24, Dec '82

The total force--Condor CRTE '82: Training for combat saves. William P. Schlitz. illus AF Mag 65:62-70 Oct '82

The total force--full partners on the first team. Edward J. Philbin. illus AF Mag 65:38-42 Oct '82

The total force--Guard's up in Virginia. Jon R. Donnelly. illus AF Mag 65:48-52 Oct '82

The total force--is anyone working to gain employer support? Capt Michael B. Perini. illus AF Mag 65:58-61 Oct '82

The total force--Reserve Forces: Bottom line on top performers. Capt Michael B. Perini. illus tabs AF Mag 65:54-55 Oct '82

The total force--'the best back-up Air Force in the world.' MajGen John B. Conaway. por illus AF Mag 65:44-45 Oct '82

TOTAL FORCE CONCEPT - Continued

The total force--the three M's of Air Force Reserve. MajGen Richard Bodycombe. illus por AF Mag 65:46-47 Oct '82

We must have broader idea of requirements. Edward J. Philbin. illus Officer 58:20-22 May '82

TOURS OF DUTY

See also
Assignments, Military
Permanent Change of Station
Temporary Duty

Arabian knights in blue. Maj Sam McCormick. illus Airman 26:2-5 Dec '82

The French link. 1stLt David Sims. illus Airman 26:11-15 Feb '82

Korean experience. SSgt Craig Pugh. illus Airman 26:16-23 Feb '82

Many singles o'seas tours reduced. Don Mace. AF Times 43:3 Oct 4 '82

Navigating around the Air Staff--an inside look at the ASTRA program. Capt Thomas P. Waddell. illus Navigator 29:5-8 Winter '82

No dirtballs on the DMZ (Demilitarized Zone). Maj Cliff Bernath. illus Soldiers 37:22-28 May '82

TOWER, John G.

(Chairman of the Senate Armed Service Committee). Interview. Sen John Tower. illus por Sea Power 25:27-32 Mar '82

Improved strategic C³: An urgent national priority. Rep John G. Tower. por Signal 36: 65-66 May-Jun '82

Sen John G. Tower on defense. L. James Binder. illus por Army 32:43-45 Nov '82

(Sen John G.) Tower--pay freeze 'like Russian roulette.' Martha Lynn Craver. por AF Times 42:1+ Mar 29 '82

TOXIC AND INFLAMMABLE GOODS see Hazardous Substances

TRADE see
Commerce
Export-Import Trade

TRADE UNIONS see Labor Unions

TRADITIONS, MILITARY

See also
Customs, Military

Authority (still is a force in our lives). Curtis W. Tarr. AU Rev 33:71-77 May-Jun '82

TRAFFIC ACCIDENTS see Accidents, Traffic

TRAFFIC MANAGEMENT

See also
Military Traffic Management Command

Military Traffic Management Command. MajGen John D. Bruen. illus por maps Def Trans J 38:31-36 Feb '82

Office of Supply Transportation and Procurement--Department of State. David E. L'Heureux. illus charts Def Trans J 38:12-14 Feb '82

TRAIN, Harry D., II

Challenge at sea: Naval strategy for the 1980's. ADM Harry D. Train II. illus por NATO's Fifteen Nations Special Issue No. 2: 17-18+ '82

NATO--the status of C : NATO C³. ADM Harry D. Train II. Signal 37:27 Dec '82

TRAINING see Education and Training

TRAINING AIDS

See also
Audio-Visual Aids

Developing a training program for Army aviators. Maj William T. Carter. illus USA Avn Dig 28:28-29 Jan '82

Interactive TV teaches Navy technicians electronic maintenance. illus J of Elect Def 5:67-68 Sep '82

One-on-one tactical training. Jerry D. Freeble and others. Infantry 72:30-34 May-Jun '82

(Radar) threats (simulators) for export. Hal Gershanoff. illus J of Elect Def 5:56-57 Sep '82

SPAS (Skill Performance Aids): The training manager's new tool. Maj Albert B. Cheatham, Ret. Fld Arty J 50:36-37 Mar-Apr '82

Sustainment training. Infantry 72:23-29 May-Jun '82

TRAINING AND DOCTRINE COMMAND

Armor conference--1982. MajGen Louis C. Wagner, Jr. Armor 91:31-38 Jul-Aug '82

SPAS (Skill Performance Aids): The training manager's new tool. Maj Albert B. Cheatham, Ret. Fld Arty J 50:36-37 Mar-Apr '82

Seven goals provide guiding light. LtGen Julius W. Becton, Jr. illus Officer 58:12-14 Oct '82

TRADOC in forefront--guide during period of major transition. Gen Glenn K. Otis. illus Army 32:42-44+ Oct '82

Winning the airland battle 2000. Judith C. Anspacher. illus Mil Elect/Countermeasures 8:47-50 Jul '82

Directories

Training & Doctrine Command. Army 32:224 Oct '82

TRAINING-WITH-INDUSTRY PROGRAM

EWI (Education With Industry) program--a walk through. Maj Bill D.Brogdon. AF Compt 16:8-9 Oct '82

Education with industry. Capt William C.Ehler. Navigator 29:15-16 Summer '82

TRANSFERS, MILITARY

Here are entered articles on interservice transfers; for intraservice transfers see Rotation.

TRANSISTORS

Cool that electronics package. Keats A. Pullen, Jr. Signal 37:39-43 Sep '82

TRANSOCEANIC FLIGHTS

Harold Gatty and the bridging of the Pacific. Francis X.Holbrook and John Nikol. illus Aerop Hist 29:176-182 Sep '82

TRANSPORTATION

See also
Shipping

NTA news. Regular feature in issues of Defense Transportation Journal

United States

The changing role of the motor common carrier and its impact on the motor carrier industry. Louis A.Vandiver. Def Trans J 38:64-69 Feb '82

General Services Administration. Allan W. Beres. illus chart Def Trans J 38:53-54 Feb '82

A new role for motor carriers: Can the trucking industry survive the demands of a changing operating environment? Kenneth J. Larsen. Def Trans J 38:18-22 Apr '82

Office of Supply Transportation and Procurement--Department of State. David E.L.Heurieux. illus charts Def Trans J 38:12-14 Feb '82

Random danger: The railroad response. John E. Murray. illus Def Trans J 38:10-12+ Jun '82

37th annual NDTA Transportation & Logistics Forum & Exposition (Denver, Sep 25-28, 1982). illus Def Trans J 38:20-24 Dec '82

The 37th annual NDTA Transportation & Logistics Forum & Exposition. Panel I, Transportation Technology Panel. Col Alan D. Wheeler, Ret. Def Trans J 38:25-45 Dec '82

Transportation: A national priority. Anthony L.Kucera. Adapted from speech, Washington Chapter, Transportation Research Forum, Mar 24, 1982, Washington. illus map Def Trans J 38:24-28 Jun '82

U.S. Department of Transportation Office of Emergency Transportation. Clarence G. Collins, Jr. map illus charts Def Trans J 38:44-48 Feb '82

TRANSPORTATION - ContinuedUnited States - Cont'dHistory

The Delaware and Raritan Canal: A bit of American transportation history. Harold L. Rubenstein. map Log Spectrum 16:20-23 Fall '82

TRANSPORTATION, AIR

See also
Air Cargo
Aviation, Commercial

You've got a friend at MATCU! (Military Air Traffic Coordinating Units). Mary N.Bucklew. illus Translog 13:5-6 Feb '82

TRANSPORTATION, AIR (MILITARY)

See also
Air Cargo
Airdrop
Airlift
Movement Control

Soviet Union

Soviet airlift: Coming of age. Maj Lee Nelli. illus tab Airlift 4:10-15 Summer '82

United States

Military Airlift Command. Gen James R.Allen. illus tabs por Def Trans J 38:26-30 Feb '82

The U.S. Army's future Light Infantry Division: A key element of the RDF. Ramon Lopez. illus Intl Def Rev 15, No.2:185-192 '82

TRANSPORTATION, MILITARY

See also
Movement Control

Almanac of government transportation agencies. illus charts tabs maps Def Trans J 38:11-54 Feb '82

The changing role of the motor common carrier and its impact on defense transportation: Trucking our future war. Capt Bruce P. Schoch. Def Trans J 38:14-16 Apr '82

Defense transportation: A discipline in need of a definition. Richard F.Poist. Def Trans J 38:48-49 Oct '82

Developing railroad hardware at MERADCOM. Marcia Boynton. illus Translog 13:17-19 Jan '82

Directorate for Transportation and Distribution Policy. Paul J.Hyman. illus charts Def Trans J 38:15-16 Feb '82

Enclosed superstructures on transport vehicles. Col Günter Emme. illus Armada Intl 6:32+ Jul-Aug '82

Force deployment and sustainment: A bold new approach. Maj Clark B.Russell. illus AF J Log 6:5-9 Spring '82

TRANSPORTATION, MILITARY - Continued

High mobility: An urgent requirement for the U.S. armed forces. J.Philip Geddes. illus tab Intl Def Rev 15, No.5:581-584 '82

Interns visit Topeka (Regional Storage Management Office). illus Translog 13:17-18 Apr '82

Joint Chiefs of Staff. LtGen Oren E.DeHaven. charts illus por Def Trans J 38:17-20 Feb '82

Joint transportation command seen vital. Don Hirst. AF Times 42:13 Jul 12 '82

MTMC's inland operations. Translog 13:8-9 Jun '82

Military drivers. LtGen I.Balabai. Interview. illus Soviet Mil Rev No.10:16-18 Oct '82

Military exercises and MTMC. illus Translog 13:1-2 Jun '82

Military Traffic Management Command. MajGen John D.Bruen. illus por maps Def Trans J 38:31-36 Feb '82

Motor common carriers and mobilization: Meeting the challenge. Robert R.Weiss. Def Trans J 38:70-75 Feb '82

1981 in review (Military Traffic Management Command). Maj Warren C.Decker. illus Translog 13:2-4 Feb '82

Pass the ammunition. LtCol K.L.Kraus. illus Translog 13:4-5 Jul '82

Passenger traffic's CORE (Contingency Response) program. Capt Fortunato Persechini. illus Translog 13:5-6 Aug '82

The proposed Military Transportation Command: Increased readiness & efficiency. Frank C. Carlucci. illus Defense/82, pp 12-17, Oct '82

Pusan terminal supports Team Spirit 82. Maj James L.Spring. illus Translog 13:5-6 Jun '82

Rhine River Terminal--site of ammunition test. Capt Frederick C.Perkins. illus Translog 13:10-12 May '82

Shipping your POV. Sgt1C Norman Oliver. illus Soldiers 37:27-31 Jun '82

TEA (Transportation Engineering Agency) time at Reforger. illus Translog 13:8-9 Oct '82

TTU Iskenderun (Turkey)--a truly remote terminal. LtCol Thomas J.Barrowman. illus Translog 13:10-12 Jan '82

U.S. Transportation Corps. MajGen Harold I. Small. Translog 13:14-15 Apr '82

Study and Teaching

U.S. Army Transportation School, Ft. Eustis, (VA). MajGen Harold I.Small. illus Translog 13:10-13 Apr '82

TRANSPORTATION, SEA

See also
Merchant Marine
Military Sealift Command

Deployment by sea. Translog 13:19-20 Jun '82

Deployment on containerships: Panacea or paradox? Capt Scott Bergeron. illus tabs Translog 13:7-9 Feb '82

Industry adoption of new(er) marine technologies: Directions and scope over the next 15 years. Clinton H.Whitehurst, Jr. illus Def Trans J 38:27-31 Dec '82

Military Sealift Command. VADM Kent J.Carroll. illus tabs map por Def Trans J 38: 21-25 Feb '82

Ocean transportation reform legislation, defense preparedness, and the UNCTAD (United Nations Conference on Trade & Development) threat. Conrad H.C.Everhard. Def Trans J 38:18-23 Jun '82

TRANSPORTATION CENTERS AND SCHOOLSArmy

U.S. Army Transportation School, Ft. Eustis, (VA). MajGen Harold I.Small. illus Translog 13:10-13 Apr '82

TRANSPORTATION CORPS

U.S. Transportation Corps. MajGen Harold I. Small. Translog 13:14-15 Apr '82

TRANSPORTATION DEPT

See also
Coast Guard--U.S.
Federal Aviation Administration

CG (Coast Guard) benefits most by staying in DOT (Department of Transportation): Commandant against moving to Defense Department. ADM James Gracey. Letter. illus Officer 58: 18-20 Aug '82

U.S. Department of Transportation Office of Emergency Transportation. Clarence G. Collins, Jr. map illus charts Def Trans J 38:44-48 Feb '82

TRANSPORTATION UNITS

See also
Airlift Units

Joint transportation command seen vital. Don Hirst. AF Times 42:13 Jul 12 '82

Army

Close up of an MTMC designated Reserve unit. Maj Charles E.Gilreath, Ret. illus Translog 13:1-2 Apr '82

'Deep Freeze.' Nanse Grady. illus Soldiers 37:20-21 Feb '82

TRANSPORTATION UNITS - ContinuedArmy - Cont'd

Documentation detachments meet Reforger challenge. Capts George A. Danish and David T. Benware. Translog 13:13-14 Mar '82

Mountain stevedores. Maj Otto W. Jessen. illus Translog 13:10-12 Mar '82

History

One hump or two? (The Camel Corps) SSgt Gary L. Kieffer. illus Soldiers 37:43-46 Feb '82

TRAVEL

See also subdivision Description and Travel under specific countries and cities

Should American Ambassadors have to travel abroad as "second-class" citizens? W. Eric Casey. Armed Forces J Intl 119:28 Apr '82

Terrorism awareness: Tips for travelers. LtGen Howard W. Leaf. TIG Brief 34:2 Apr 2 '82

TRAVEL, MILITARY

See also
Transportation, Military

Personally procured transoceanic travel. TIG Brief 34:8 May 14 '82

Reporting of nonduty travel to Communist countries. TIG Brief 34:5 May 14 '82

Travel management. TIG Brief 34:12 Jan 22 '82

Space Available

Travel. illus Soldiers 37:37-40 Jan '82

TRAVEL PAY

Administration will ask Hill for flat-rate per diem. AF Times 42:1+ May 24 '82

DOD asks mileage, HHGoods increases. Tom Philpott. AF Times 42:1+ Jan 11 '82

DOD: Reprogram \$\$ for benefits. Tom Philpott. AF Times 42:1+ Jun 28 '82

DOD won't ask per diem change this year. AF Times 42:1+ Apr 12 '82

(Defense) Audit Service scores travel fraud penalties. Tom Philpott. AF Times 43:14 Nov 1 '82

Enlisted PCS money cut \$4.50 per day. AF Times 42:1+ Jan 18 '82

Government-wide per diem nears OK. Tom Philpott. AF Times 43:1+ Aug 9 '82

JCS, EM advisors push for per diem equity. AF Times 42:2 Mar 15 '82

JTR (Joint Travel Regulations) changes include paid return trip. Tom Philpott. AF Times 43:11 Oct 18 '82

TRAVEL PAY - Continued

Paid travel possible for 'isolated' overseas. Tom Philpott. AF Times 42:1+ May 3 '82

Per diem equity coming? AF Times 42:1+ Feb 1 '82

Per diem equity tops 'need' list. AF Times 42:3 Jan 4 '82

Personally procured transoceanic travel. TIG Brief 34:8 May 14 '82

(Sen William) Armstrong: Restore \$4.50 PCS cut. AF Times 42:3 Feb 8 '82

Services' 'wish list' asks travel benefits. Tom Philpott. AF Times 43:1+ Nov 15 '82

Travel funds get House panel okay--bonuses cut back. Martha Lynn Craver. AF Times 43:1+ Nov 29 '82

Travel management. TIG Brief 34:12 Jan 22 '82

TREASURY DEPTUnited States

Federal cash flow management. William E. Douglas. illus Govt Exec pt 1, Long range planning at treasury. 14:39+ Nov-Dec '82

TREATIES AND ALLIANCES

Here are entered articles on acts, agreements, and pacts between nations.

See also specific international agreements, e.g.,
A N Z U S Treaty
North Atlantic Treaty Organization
Warsaw Pact

Diego Garcia: Political clouds over a vital U.S. base. Joel Larus. illus Strat Rev 10:44-45 Winter '82

The Falklands and the Antarctic Treaty. David W. Heron. map Mil Sci & Tech 2:20-21 '82

Geopolitics for an uncertain era. George Ott. AU Rev 33:29-35 Sep-Oct '82

Imperative need for Pax Antarctica. John Bechervaise. illus map Pac Def Rep 9: 25-28 Jul '82

The importance of ANZUS. Henry S. Albinski. (Adapted from An American Policy for Asia: The 1980s and Beyond, edited by R.H. Myers, 1982) illus Pac Def Rep 8:33+ Dec '81/Jan '82

Noncoercive inducements in U.S.--Soviet conflicts: Ending the occupation of Austria and nuclear weapons tests. Louis Kriesberg J Pol & Mil Sociol 9:1-16 Spring '81

Nuclear proliferation. Lawrence Freedman. illus NATO's Fifteen Nations 26:16-18+ Dec '81-Jan '82

A Reagan "shoku" for Japan? Stephen P. Gibert. Intl Sec Rev 6:449-464 Winter '81/'82

TREATIES AND ALLIANCES - Continued

Rules of thumb for gut decisions: International law in emergencies. Alfred P. Rubin. Nav War Col Rev 35:41-50 Mar-Apr '82

The search for peace in the Middle East. Noel Kaplowitz. Intl Sec 7:181-207 Summer '82

Seeking a consensus for the common defense. Caspar W. Weinberger. illus Defense/82, pp 2-8, Dec '82

The state of the Alliance--a European view. Henri Simonet. illus NATO's Fifteen Nations 27:16-18 Oct-Nov '82

Superpower arms control and the NATO allies: A question of interests. CDR Bruce L. Valley. Nav War Col Rev 34:42-48 Nov-Dec '81

TREFRY, Richard G.

The IG: Inspector but a teacher, too. LtGen Richard G. Trefry. illus Army 32:132-135 Oct '82

TRIALS

See also
Courts-Marial

CMA: Indictment starts right to speedy trial. AF Times 43:15 Aug 23 '82

CMA ruling: If no speedy trial, dismiss charges. AF Times 43:15 Nov 8 '82

Court (of Military Appeals) clarifies rule on trial by judge. AF Times 43:12 Sep 27 '82

TROOP MOVEMENTS see Movement ControlTROPHIES see Awards, Decorations, etcTROPICAL WARFARE see Jungle WarfareTROPOSPHERIC SCATTER

Thomson--CSF in microwave and space communication. Col Norman L. Dodd. illus Pac Def Rep 8:33-34 Mar '82

TRUCKS AND TRUCKING

The changing role of the motor common carrier and its impact on defense transportation: Trucking our future war. Capt Bruce P. Schoch. Def Trans J 38:14-16 Apr '82

Chico--a new solution to cross country transport. Brian Walters. illus Asian Def J No.1:77 Jan '82

High mobility: An urgent requirement for the U.S. armed forces. J. Philip Geddes. illus tab Intl Def Rev 15, No.5:581-584 '82

The logistical lynchpin. Jacquelyn S. Porth. illus Def & For Aff 9, No.14:20-22+ '81

TRUCKS AND TRUCKING - Continued

Motor common carriers and mobilization: Meeting the challenge. Robert R. Weiss. Def Trans J 38:70-75 Feb '82

Moving ammunition for the Army of the future. Bruce P. Schoch. illus Natl Def 66:35-38+ Apr '82

Recent trends in heavy-duty military vehicles. Brian Charig. illus tabs Armada Intl (Special Issue II) 6:26-28+ Sep-Oct '82

What one company "in the hunt" thinks of the military truck market. illus Govt Exec 14:48-49 Jun '82

Laws and Regulations

The changing role of the motor common carrier and its impact on the motor carrier industry. Louis A. Vandiver. Def Trans J 38:64-69 Feb '82

A new role for motor carriers: Can the trucking industry survive the demands of a changing operating environment? Kenneth J. Larsen. Def Trans J 38:18-22 Apr '82

Maintenance and Repair

Flatbed trailers. TIG Brief 34:11 Nov 29 '82

TRUMAN, Harry S.

With Harry Truman in World War I. William L. Roper. por illus Natl Guard 36:25-30 Jul '82

TUNISIA

Danger in the Maghrib: A growing threat to NATO's south? CDR Bruce L. Valley. RUSI J for Def Studies 126:62-66 Dec '81

TUNNEL WARFARE

Battle of the Crater (use of tunnel in attacking Petersburg, VA, 1864). Robert F. Russell. illus Soldiers 37:50-51 Mar '82

TUNNELS

See also
Wind Tunnels

Polymer concrete tests--a success. Col Joseph A. Bacci. illus Mil Engr 74:218-221 May-Jun '82

TURBINES see Gas Turbines; Gas Turbines (Aircraft)TURBULENCE

Compensating for winds. Maj Tome H. Walters. tab Combat Crew 32:10-11 Oct '82

Flying in the wake. tab MAC Flyer 29:8-9 Aug '82

Wind shear dangers. Frank Robertson. illus tab Pac Def Rep 9:49 Aug '82

TURKESTANStrategic Importance

The strategic importance of Turkestan for the Soviet Union and the Muslim world. Baymirza Hayit. map Islamic Def Rev 7, No.3:7-11 '82

TURKEY

The role of the military in Turkish society. Maj Charles L. Stewart. illus Jt Persp 3:3-13 Summer '82

Foreign Policy

Turkey: A foreign policy in flux. James Brown. map illus RUSI J for Def Studies 127:23-30 Jun '82

Turkey and the United States: The problems and prospects of a post-war alliance. Van Coufoudakis. J Pol & Mil Sociol 9:179-196 Fall '81

Foreign RelationsGreece

The extended flank--report on Turkey. Frederick Bonnard. illus NATO's Fifteen Nations 27:36-37+ Jun-Jul '82

Turkey: A foreign policy in flux. James Brown. map illus RUSI J for Def Studies 127:23-30 Jun '82

Soviet Union

Turkey: A foreign policy in flux. James Brown. map illus RUSI J for Def Studies 127:23-30 Jun '82

TURKEY - ContinuedForeign Relations - Cont'dUnited States

Turkey: A foreign policy in flux. James Brown. map illus RUSI J for Def Studies 127:23-30 Jun '82

Turkey and the United States: The problems and prospects of a post-war alliance. Van Coufoudakis. J Pol & Mil Sociol 9:179-196 Fall '81

History

The role of the military in Turkish politics. Maj Maxwell O. Johnson. AU Rev 33:49-63 Jan-Feb '82

Politics and Government

The extended flank--report on Turkey. Frederick Bonnard. illus NATO's Fifteen Nations 27:36-37+ Jun-Jul '82

The role of the military in Turkish politics. Maj Maxwell O. Johnson. AU Rev 33:49-63 Jan-Feb '82

Strategic Importance

Naval control of the Turkish Straits. Adm Nejat Tümer. map illus NATO's Fifteen Nations Special Issue No.2:84+ '82

The view from Turkey. Taner Baytok. illus Pac Def Rep 8:66-68 Mar '82

TWINING, Nathan F.

General (Nathan F.) Twining dies at 84. Ann Leopard. por obit illus AF Mag 65:46-47 May '82

U N see United Nations

U S A C S C see Army Computer Systems Command

U S A F E see Air Forces in Europe

U S A R E U R see Army, Europe

U S S R see Soviet Union

UNCONVENTIONAL WARFARE

See also specific types of Unconventional Warfare, e.g.,
Chemical-Biological Warfare
Counterinsurgency
Guerrilla Warfare
Nuclear Warfare
Psychological Warfare

Five types of revolutionaries. Mostafa Rejai and Kay Phillips. AU Rev 33:63-65 Sep-Oct '82

Special warfare assault craft and forces: An international perspective. David Fitzgerald. illus Mil Tech 6:31-32+ Jul '82

UNDERDEVELOPED AREAS

See also
Third World

UNDERWATER PROPULSION see Propulsion Systems

UNDERWATER RESEARCH

See also
Ocean Mining

UNIFICATION OF THE ARMED FORCES

Canada

Canada's defense debacle. Maj Jeffrey G. Gilmour. illus US Nav Inst Proc 108:110-116 Mar '82

Unification or resignation. LCDR Hal Lawrence, Ret. illus US Nav Inst Proc 108:33-35 Jul '82

UNIFIED COMMANDS

See also specific Unified Commands, e.g.,
Pacific Command
Readiness Command

UNIFORM CODE OF MILITARY JUSTICE

See also
Military Justice

Article 15 policy change: More, but impact less. Don Mace. AF Times 42:10 Jan 18 '82

Discipline and justice in the Armed Forces. Col Norman R. Thorpe. AU Rev 33:57-68 Nov-Dec '81

UCMJ (Uniform Code of Military Justice) bill would stiffen sentences. Martha Lynn Craver. AF Times 42:3 Jul 12 '82

UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

Greening the Army's doctors. Sgt1C Norman Oliver. illus Soldiers 37:19-21 Oct '82

UNION OF SOUTH AFRICA see South Africa (Republic)

UNIT TRAINS see Railroads

UNITED KINGDOM see Great Britain

UNITED NATIONS

The law of the sea. John Lehman. illus map Defense/82, pp 2-9, Mar '82

Namibia: An alternate solution. William R. Kintner. tabs Intl Sec Rev 6:533-552 Winter '81/'82

Ocean transportation reform legislation, defense preparedness, and the UNCTAD (United Nations Conference on Trade & Development) threat. Conrad H.C. Everhard. Def Trans J 38:18-23 Jun '82

Return to the Middle East--no 1: Some punji sticks in the Sinai sands. John Christie. illus map Pac Def Rep 8:22-23 Apr '82

Return to the Middle East--no 2: The ANZAC contingent and its role. Ian Hamilton. illus Pac Def Rep 8:24+ Apr '82

UNITED NATIONS EMERGENCY FORCE

United Nations peace-keeping in the Middle East: Lessons and prospects. LtGen Ensio Siilasvuo. illus RUSI J for Def Studies 126:3-6 Dec '81

UNITED STATES

In official corporate entries United States is usually omitted, e.g., Air Force Academy; however, it is included in names of non-official bodies, e.g., United States Armor Association.

Defenses

See Defenses--United States

Economic Conditions

Defense spending and economic health. Maj Stephen H. Russell. tab AF Mag 65:62-65 Apr '82

Japan and the United States--a comparison of management styles. Allan D. Kissam. illus tabs Mil Engr 74:360-365 Sep-Oct '82

The Reagan defense program: Can it hold up? Herschel Kanter. illus tabs Strat Rev 10:19-34 Spring '82

Economic Policy

The economics of the U.S. defense buildup. Richard F. Kaufman. illus NATO's Fifteen Nations 26:38+ Dec '81-Jan '82

Military power and industrial competitiveness: The industrial dimension of military strategy. James R. Kurth. Nav War Col Rev 35:33-47 Sep-Oct '82

UNITED STATES - ContinuedForeign Economic RelationsJapan

Japanese-American economic troubles--lowering the temperature. Saburo Okita. Intl Sec 7:198-203 Fall '82

Let's rethink our relationship with Japan. John F. Smith III. Mil Elect/Countermeasures 8:32-33 Sep '82

N A T O

The unbuilt street--defense industrial cooperation within the Alliance. Thomas A. Callaghan, Jr. illus NATO's Fifteen Nations 27:26+ Oct-Nov '82

Soviet Union

Behind U.S. grain sales to the USSR. Mikhail S. Bernstam. Def & For Aff 10:22-24 Sep '82

Extending the analysis beyond the two superpowers: Adding in the allies. tab Defense/82, pp 16-17, May '82

The Soviet connection I: Raiding the Free World's technology. Richard N. Perle. Defense/82, pp 10-15, Feb '82

Foreign Policy

Advice from an ally: President Reagan's first year--a European view. Patrick Wall. illus tab Sea Power 25:33-39 Jan '82

Covert operations: A needed alternative. Col Wendell E. Little, Ret. AU Rev 33:65-70 Sep-Oct '82

'The essence of our foreign strategy.' Vincent C. Thomas, Jr. Interview. maps Sea Power 25:35-36+ Nov '82

Even greater uncertainty and danger ahead. ADM Robert L. J. Long. Pac Def Rep 8:49-50+ May '82

The handwriting on the wall may be a forgery. James R. Schlesinger. por Armed Forces J Intl 119:28+ Mar '82

Implications of security patterns among developing states. Edward A. Kolodziej. illus tabs AU Rev 33:2-22 Sep-Oct '82

Military governments and U.S. policy: General concerns and Central American cases. David Scott Palmer. AEI For Plcy & Def Rev 4, No. 2:24-29 '82

The National Guard and United States foreign policy are interwoven. illus Natl Guard 36:12-14 Dec '82

New directions and new problems for arms transfers policy. David J. Louscher and Michael D. Salomon. tabs Nav War Col Rev 35:40-47 Jan-Feb '82

A new look for FMS (Foreign Military Sales). L. Edgar Prina. illus tabs Sea Power 25: 56-58+ Apr '82

UNITED STATES - ContinuedForeign Policy - Cont'd

The politics of nuclear power. Audrey Parry. illus Asian Def J No. 11:79+ Nov '82

The problem of refugees in a strategic perspective. H. Eugene Douglas. Strat Rev 10: 11-20 Fall '82

The realities of security. Henry A. Kissinger. AEI For Plcy & Def Rev 3, No. 6:11-16 '81/'82

A respect for history. Jeane J. Kirkpatrick. AEI For Plcy & Def Rev 3, No. 6:6-10 '81/'82

The second imperial requiem. John Kenneth Galbraith. Intl Sec 7:84-93 Winter '82/'83

Security assistance revisited: How to win friends and not lose influence. Gabriel Marcella. Parameters 12:43-52 Dec '82

Seeking a consensus for the common defense. Caspar W. Weinberger. illus Defense/82, pp 2-8, Dec '82

The Soviet scorecard on the Reagan administration's first year. Leon Gouré. AF Mag 65:64+ Mar '82

Taming terrorism: In search of a new U.S. policy. N. C. Livingstone. Intl Sec Rev 7: 17-34 Spring '82

Technology transfer and U.S. national security. Wayne A. Schroeder. Mil Sci & Tech 2, No. 1:60-65 '82

Technology transfers a 'one-way street.' Pac Def Rep 9:82+ Sep '82

U.S. foreign policy and the Navy. G. Jacobs. illus tabs Asian Def J No. 7:19-23+ Jul '82

U.S. is in East Asia to stay. (Interview with John Holdridge) illus Asian Def J No. 4:26-27 '82

U.S. weapons exports headed for record level. Def Monitor 11, No. 3: entire issue '82

Vietnam: Focus of regional conflict. Peter A. Poole. tab Intl Sec Rev 7:219-232 Summer '82

The world lives dangerously: A strategic overview. T. B. Millar. illus Pac Def Rep 8:23-24+ Dec '81/Jan '82

History

The national security process: Plus ça change . . . ? William P. Bundy. Intl Sec 7:94-109 Winter '82/'83

Foreign Relations

Advice from an ally: President Reagan's first year--a European view. Patrick Wall. illus tab Sea Power 25:33-39 Jan '82

UNITED STATES - ContinuedForeign Relations - Cont'dAfrica

Namibia: An alternate solution. William R. Kintner. tabs Intl Sec Rev 6:533-552 Winter '81/'82

Africa, South

Constraints on superpower intervention in Sub-Saharan Africa. Robert J. Lilley. map Parameters 12:63-75 Sep '82

Argentina

(Argentina): A blessed and troubled land. Gen T.R. Milton, Ret. map illus AF Mag 65: 76-79 Apr '82

Asia

Does ANZUS really matter to the U.S.? Dora Alves. Pac Def Rep 9:38+ Jul '82

Strategic emphasis on Asia, the lost theater. (Interview with industrialist Kay Sugahara) Gregory Copley. illus Def & For Aff 9:29 Oct '81

Asia, East

U.S. is in East Asia to stay. (Interview with John Holdridge) illus Asian Def J No.4:26-27 '82

Asia, Southeastern

Even greater uncertainty and danger ahead. ADM Robert L.J. Long. Pac Def Rep 8:49-50+ May '82

Australia

The importance of ANZUS. Henry S. Albinski. (Adapted from An American Policy for Asia: The 1980s and Beyond, edited by R.H. Myers, 1982) illus Pac Def Rep 8:33+ Dec '81/Jan '82

Caribbean Region

Caribbean--the urgency grows. Paul Seidenman. illus Natl Def 67:20-25 Dec '82

Meeting challenges to U.S. security interests in the western hemisphere. Rep Jack Kemp. Intl Sec Rev 7:125-133 Summer '82

President Reagan's Caribbean basin formula. Michael J. Kryzanek. AEI For Plcy & Def Rev 4, No.2:29-36 '82

Soviet strategy in the Caribbean basin. Jiri Valenta. map illus US Nav Inst Proc 108: 168-181 May '82

U.S. options--and illusions--in Central America. David C. Jordan. illus Strat Rev 10:53-62 Spring '82

UNITED STATES - ContinuedForeign Relations - Cont'dCentral America

The Central American challenge. Thomas O. Enders. AEI For Plcy & Def Rev 4, No.2:8-12 '82

The Central American crisis: A framework for understanding. Howard J. Wiarda. AEI For Plcy & Def Rev 4, No.2:2-7 '82

The stakes in Central America and U.S. policy responses. Margaret Daly Hayes. AEI For Plcy & Def Rev 4, No.2:12-18 '82

U.S. options--and illusions--in Central America. David C. Jordan. illus Strat Rev 10:53-62 Spring '82

China (People's Republic)

Dangers in playing the China card. Denis Warner. illus Pac Def Rep 9:41-42 Aug '82

Divided China: The view from Taipei. James C.Y. Soong. Intl Sec Rev 7:205-218 Summer '82

U.S. is in East Asia to stay. (Interview with John Holdridge) illus Asian Def J No.4:26-27 '82

El Salvador

Coping with El Salvador. Robert Wesson. maps Def Sci 2000+ 1:56-59 May-Jun '82

The El Salvador white paper and its critics. Mark Falcoff. AEI For Plcy & Def Rev 4, No.2:18-24 '82

Europe, Eastern

Energy and the Soviet bloc. Thane Gustafson. tabs Intl Sec 6:65-89 Winter '81/'82

Instability and change in Eastern Europe. F. Stephen Larrabee. tab Intl Sec 6:39-64 Winter '81/'82

Europe, Western

The future of nuclear weapons. Michael Mandelbaum. Nav War Col Rev 35:58-79 Sep-Oct '82

How America looks at Europe. Arthur F. Burns. AEI For Plcy & Def Rev 3, No.6:2-5 '81/'82

Military issues within the Atlantic Alliance. Brig Kenneth Hunt. Nav War Col Rev 35:48-57 Sep-Oct '82

The realities of security. Henry A. Kissinger. AEI For Plcy & Def Rev 3, No.6:11-16 '81/'82

U.S. forces in Europe: Why and whether? (Adapted from address, Konrad Adenauer Stiftung, Bonn, Sep 5, 1981) Angelo M. Codevilla. Intl Sec Rev 6:465-476 Winter '81/'82

UNITED STATES - ContinuedForeign Relations - Cont'dFrance

Franco-American relations: A retrospective view. Stuart Highton. RUSI J for Def Studies 127:28-31 Mar '82

The odd couple (contrast between the United States and France). Pierre Lellouche. AEI For Plcy & Def Rev 4, No.1:8-11 '82

Great Britain

Rebuilding the Anglo-American alliance. Benson Lee Grayson. Parameters 12:15-22 Mar '82

Greece

Restoring democracy to its birthplace: American assistance to post-war Greece. Col Angelo de Guttadauro. map Air Def Mag, pp 9-12, Oct-Dec '81

India

Indian Prime Minister's visit to the United States. Ahsan Ali Khan. illus Asian Def J No.12:78-80+ Dec '82

Israel

The politics of (Menachem) Begin's Baghdad raid. Capt M.Thomas Davis. Nav War Col Rev 35:33-40 Mar-Apr '82

Japan

Geopolitics for an uncertain era. George Ott. AU Rev 33:29-35 Sep-Oct '82

Japan and the future of Pacific defense. (Testimony before House Subcommittee on Asian and Pacific Affairs) Francis J. West, Jr. illus Defense/82, pp 12-17, Jun '82

Old habits, new times--challenges to Japanese-American security relations. Taketsugu Tsurutani. Intl Sec 7:175-187 Fall '82

A Reagan "shoku" for Japan? Stephen P. Gibert. Intl Sec Rev 6:449-464 Winter '81/'82

U.S. is in East Asia to stay. (Interview with John Holdridge) illus Asian Def J No.4:26-27 '82

An unnatural defense alliance--the U.S. and Japan. Terry D. Lantz. map Armed Forces J Intl 120:57-58+ Oct '82

Korea (South)

U.S.-ROK observe milestone--partners in arms, century-old friends. Gen Robert W. Sennewald. illus Army 32:82-85+ Oct '82

Latin America

Military governments and U.S. policy: General concerns and Central American cases. David Scott Palmer. AEI For Plcy & Def Rev 4, No.2:24-29 '82

UNITED STATES - ContinuedForeign Relations - Cont'dLatin America - Cont'd

Psychological warfare and the Latin American crisis. Robin Navarro Montgomery. illus AU Rev 33:48-57 Jul-Aug '82

Security assistance revisited: How to win friends and not lose influence. Gabriel Marcella. Parameters 12:43-52 Dec '82

Libya

The Gulf of Sidra incident: A legal perspective. CDR Dennis R. Neutze. illus map US Nav Inst Proc 108:26-31 Jan '82

Mexico--History

Roots of deployment--Vera Cruz, 1914. Col J.H. Alexander. illus chart MarCor Gaz 66:71-79 Nov '82

Middle East

The Rapid Deployment Force--another look. Edgar O'Ballance. illus map Natl Def 66:34-36+ Feb '82

"We have waited for the past two years for an American policy to evolve toward the Near East." Anthony H. Cordesman. Interview. tabs illus Armed Forces J Intl 120:26+ Nov '82

N A T O

The Europeanization of NATO: A restructured commitment for the 1980s. Jeffrey Record. AU Rev 33:23-28 Sep-Oct '82

Geopolitics for an uncertain era. George Ott. AU Rev 33:29-35 Sep-Oct '82

Netherlands

The Netherlands. illus maps tabs NATO's Fifteen Nations 27: Special Marketing Supplement following Jun-Jul '82

Netherlands--History

Two hundred years of American-Dutch relations. Maj Hans L. Zwitter. illus map Mil Rev 62:3-12 Apr '82

New Zealand

The importance of ANZUS. Henry S. Albinski. (Adapted from An American Policy for Asia: The 1980s and Beyond, edited by R.H. Myers, 1982) illus Pac Def Rep 8:33+ Dec '81/Jan '82

Pacific Region

Even greater uncertainty and danger ahead. ADM Robert L.J. Long. Pac Def Rep 8:49-50+ May '82

Pakistan

A new round of American installations in Pakistan. Zulfikar A. Khalid. map Asian Def J No.5:29+ May '82

UNITED STATES - ContinuedForeign Relations - Cont'dPakistan - Cont'd

Pakistan and the Middle East connection.
Maj David O. Smith. map illus Mil Rev 62:
42-49 Oct '82

Persian Gulf Region

The U.S. stake in the Persian Gulf. Alvin J.
Cottrell. illus Natl Def 67:22-26 Nov '82

Philippines--History

Disagreeable work: Pacifying the Moros, 1903-
1906. Maj Andrew J. Bacevich, Jr. illus Mil
Rev 62:49-61 Jun '82

Poland

Martial law made in Moscow. Alexander M. Haig.
illus por Pac Def Rep 8:24-26 Mar '82

Soviet Union

Energy and the Soviet bloc. Thane Gustafson.
tabs Intl Sec 6:65-89 Winter '81/'82

The future of East-West relations: Some
policy perspectives. Johan Jørgen Holst.
Nav War Col Rev 35:12-22 Sep-Oct '82

The iron(ic) horse from Nikolsk (incident
involving US Army troops on duty in Sibe-
ria in 1920). Harold B. Hayes III. illus
map Mil Rev 62:18-28 May '82

Noncoercive inducements in U.S.--Soviet con-
flicts: Ending the occupation of Austria
and nuclear weapons tests. Louis Kriesberg.
J Pol & Mil Sociol 9:1-16 Spring '81

Restructuring the SALT dialogue. Jane M.O.
Sharp. Intl Sec 6:144-176 Winter '81/'82

The Soviet scorecard on the Reagan adminis-
tration's first year. Leon Gouré. AF Mag
65:64+ Mar '82

Time to strengthen our defenses. Gen Lew
Allen, Jr. illus por AF Mag 65:78-81
May '82

Taiwan

Divided China: The view from Taipei. James
C.Y. Soong. Intl Sec Rev 7:205-218 Summer
'82

Taiwan and the F-5G denial. tab illus Asian
Def J No. 4:36-37 '82

The Taiwan dilemma. William V. Kennedy. map
Natl Def 66:53-54+ May-Jun '82

What kinds of arms for Taiwan? Col Angus M.
Fraser, Ret. Strat Rev 10:76-81 Fall '82

Third World

Responding to Soviet intervention in the
Third World. Thomas H. Etzold. Nav War Col
Rev 35:25-35 May-Jun '82

UNITED STATES - ContinuedForeign Relations - Cont'dTurkey

Turkey and the United States: The problems
and prospects of a post-war alliance. Van
Couvoudakis. J Pol & Mil Sociol 9:179-196
Fall '81

Venezuela

Venezuela: Caribbean linchpin. Gen T.R. Mil-
ton, Ret. illus map AF Mag 65:74-77 Jun '82

Politics and Government

Elites and increased public support for
U.S. military spending. Louis Kriesberg
and others. tabs J Pol & Mil Sociol 10:
275-297 Fall '82

The special interest state. Randy Huwa.
Parameters 12:35-43 Sep '82

Social Conditions

American Enterprise Institute on health and
welfare. Govt Exec 14:16+ Feb '82

Military manpower and social change--assess-
ing the institutional fit. Franklin C.
Pinch. Armed Forces & Soc 8:575-600
Summer '82

Social Life and Customs

The American character and military policy.
Herbert London. Def Sci 2000+ 1:60-62
May-Jun '82

UNITED STATES ARMY, EUROPE see Army, Europe

UNITED STATES NAVAL INSTITUTE

The Naval Institute president's annual ad-
dress to the members. ADM Thomas B. Hayward.
US Nav Inst Proc 108:17-18+ Aug '82

UNIVERSITIES AND COLLEGES

See also
Uniformed Services University of the Health
Sciences

United States

DOD-college contract ties hit. AF Times 43:6
Nov 8 '82

Should universities be in EW R&D? Donald J.
Grace. illus tabs J of Elect Def 5:44-49
Dec '82

UNMANNED VEHICLE SYSTEMS

The Aquila: A versatile, cost-effective
military tool shows its potential.
Terrence D. Gossett and Fred A. Velligan.
illus Mil Elect/Countermeasures 8:74-78
Dec '82

Propulsion trends for unmanned air vehicles.
Robert P. Schiller. illus tabs Natl Def
67:26-30 Sep '82

UNMANNED VEHICLE SYSTEMS - Continued

RPV/UVS systems may be the key to surviving military conflict with Moscow. Edward Teller. illus Mil Elect/Countermeasures 8:72-73 Dec '82

URBAN MASS TRANSPORTATION see Transportation

URBAN WARFARE

Armor operations in built-up areas. LtCol Curtis V. Esposito. illus Armor 91:26-30 Jul-Aug '82

Battle at Hue City. Keith William Nolan. illus map US Nav Inst Proc 108:50-58 Apr '82

FIST (Fire Support Team) training in Berlin: A MOUT (Military Operations in Urbanized Terrain) perspective. SSgt Patrick J. Coyle. illus map tabs Fld Arty J 50:14-17 Jan-Feb '82

URBAN WARFARE - Continued

Field artillery and the urban battle. Col Paul A. Slater. illus Fld Arty J 50:8-13 Jan-Feb '82

Indirect fire in MOUT (Military Operations in Urbanized Terrain). SSgt Patrick J. Coyle. illus tabs Infantry 72:11-13 Mar-Apr '82

Urban snipers. Maj Wayne A. Silkett. Infantry 72:14-15 Sep-Oct '82

What it's all about: (Joint Army, Navy and Marine Corps interservice mission and equipment training). Capt Ronald B. Brown. illus USA Avn Dig 28:28-29 Mar '82

Study and Teaching

MOUT (Military Operations on Urbanized Terrain) ARTEP (Army Training and Evaluation Program). illus Soldiers 37:34-36 Mar '82

URBANIZATION see Cities and Towns

V T O L see Airplanes, V/STOL

VACCINES see Immunization and Immunity

VEHICLES, REMOTELY PILOTED see Remotely Piloted Vehicles

VENEZUELA

Venezuela: Caribbean linchpin. Gen T.R. Mil-ton, Ret. illus map AF Mag 65:74-77 Jun '82

VENZKE, Norman C.

Drowning: The things we know that aren't so. RADM Norman C. Venzke and CDR David S. Smith, Ret. illus US Nav Inst Proc 108:111-113 Dec '82

The USSR polar fleet recent acquisitions. RADM N.C. Venzke. illus tab US Nav Inst Proc 108:98-99 Feb '82

VERTICAL TAKEOFF AND LANDING see Airplanes, V/STOL

VERTIGO

Posturography of ataxia induced by Coriolis- and Purkinje-effects. Cornelia Fitger and Th. Brandt. illus tabs Aviation, Space & Envmt Med 53:153-161 Feb '82

Vertigo . . . it's not a joke. LtCol Gerald H. Sherrill. Flying Safety 38:24-25 Jul '82

VESSEY, John W., Jr

(Gen John W.) Vessey: Changes may be due in retirement. Tom Philpott. AF Times 43:16 Nov 29 '82

(Gen John W.) Vessey: Would sacrifice carrier for pay raise. Don Hirst. AF Times 42:4 May 24 '82

Gen Vessey to head JCS. por AF Times 42:2 Mar 15 '82

New chairman, (Gen John W.) Vessey, endorses JCS overhaul: Navy, Marines adamantly oppose JCS reforms most others tell Congress are long overdue. Deborah M. Kyle and Benjamin F. Schemmer. illus por Armed Forces J Intl 119:61-62+ Jun '82

Reagan nominates General John W. Vessey as new Joint Chiefs of Staff Chairman. Deborah G. Meyer and Benjamin F. Schemmer. por Armed Forces J Intl 119:20+ Apr '82

VETERANS

Americans and the Vietnam veteran. Christine Adamec. illus Sergeants 20:28-31 Feb '82

(H. Ross) Perot offers to sponsor vet memorial poll. AF Times 42:29 Jan 4 '82

High court declines 'orange' suit. AF Times 42:15 Jan 4 '82

VETERANS - Continued

Retirement & VA benefits. illus Soldiers 37:51-56 Jan '82

Starting over--help when your tour's up. SSgt Victoria Mouze. illus Soldiers 37:50-52 Jun '82

Study says veterans should be urged to re-up. AF Times 42:2 Jan 11 '82

(Supreme) Court to review vet lobbyists' tax status. Tom Philpott. AF Times 43:10 Oct 25 '82

They, too, were heroes. BrigGen Albin F. Irzyk. illus Army 32:18-21+ Dec '82

The wall on the mall. Ch(LtCol) James Stanley Speese, Ret. illus Officer 58:20-21 Dec '82

VETERANS ADMINISTRATION

Cuts would offset vet compensation. AF Times 42:6 Feb 22 '82

VA asks \$25.6B; care of (World) War II vets big need. AF Times 42:6 Feb 22 '82

VA wants money owed by 1 million veterans. Larry Carney. AF Times 42:10 May 10 '82

VFW backs Agent Orange benefits bill. Paul Smith. AF Times 43:12 Dec 6 '82

(Veterans Administration) proposal would cut SGLI premiums by 1/3. Larry Carney. AF Times 42:1+ Apr 19 '82

VETERANS BENEFITS

See also
Bonuses

Cuts would offset vet compensation. AF Times 42:6 Feb 22 '82

GAO: Reinstate military unemployment benefits. AF Times 42:4 Feb 1 '82

GAO to Congress: Weigh alternatives to GI Bill. Paul Smith. AF Times 42:4 Feb 8 '82

Heading off a hemorrhage of talent (Policy paper, adopted at AFA's Annual National Convention, Sep 14, 1982). illus AF Mag 65:53-58 Nov '82

House (Armed Services Committee) Panel okays GI Bill. AF Times 42:12 May 24 '82

House (Armed Services Subcommittee on Military Personnel and Compensation) Panel OKs GI Bill. AF Times 42:3 May 10 '82

House (Armed Services Subcommittee on Military Personnel and Compensation) Panel seen giving GI Bill okay. Martha Lynn Craver. AF Times 42:1+ Apr 19 '82

Korb wants a hold on new GI Bill plan. Martha Lynn Craver. AF Times 42:1+ Mar 22 '82

Retirement & VA benefits. illus Soldiers 37:51-56 Jan '82

VETERANS BENEFITS - Continued

Service tinkering is hurting GI Bill. Larry Carney. AF Times 42:3 Mar 8 '82

Time off for training: A guide to job rights. Capt Art House and SSgt Jean Albright. Air Reservist 34:8-9 Feb '82

Unemployment aid ok'd for some ex-members. Martha Lynn Craver. AF Times 43:1+ Oct 18 '82

VA asks \$25.6B; care of (World) War II vets big need. AF Times 42:6 Feb 22 '82

VA wants money owed by 1 million veterans. Larry Carney. AF Times 42:10 May 10 '82

VFW backs Agent Orange benefits bill. Paul Smith. AF Times 43:12 Dec 6 '82

VETERANS ORGANIZATIONS

(U.S. Court of Appeals) ruling threatens tax status of vet groups. Allen Carrier. AF Times 42:1+ May 3 '82

VFW backs Agent Orange benefits bill. Paul Smith. AF Times 43:12 Dec 6 '82

VIBRATION

Discomfort judgments of translational and angular whole-body vibrations. Richard W. Shoenberger. tabs illus Aviation, Space & Envmt Med 53:454-457 May '82

Severe service requires strenuous shock/vibration testing. Chet Gilbert and Herb LeKuch. illus tabs Mil Elect/Countermeasures 8:34+ Nov '82

VIDEO CONFERENCING see TeleconferencingVIETNAM

How Singapore sees the Vietnam threat. Lim Joo-jock. illus Pac Def Rep 8:52-53+ Dec '81/Jan '82

Vietnam: Focus of regional conflict. Peter A. Poole. tab Intl Sec Rev 7:219-232 Summer '82

Chinese Invasion, 1979

Vietnam: Focus of regional conflict. Peter A. Poole. tab Intl Sec Rev 7:219-232 Summer '82

Foreign RelationsAsia, Southeastern

Vietnam's threat potential to ASEAN. G.Jacobs. tabs illus map Asian Def J No.5: 16-20+ May '82

Cambodia

Moscow and Hanoi struggle for influence in Kampuchea. Michael Richardson. illus Pac Def Rep 8:75-76+ Apr '82

VIETNAM - ContinuedForeign Relations - Cont'dSoviet Union

Moscow and Hanoi struggle for influence in Kampuchea. Michael Richardson. illus Pac Def Rep 8:75-76+ Apr '82

New Soviet arms for Vietnam. G.Jacobs. illus tab Pac Def Rep 9:49+ Sep '82

VIETNAM (DEMOCRATIC REPUBLIC) see Vietnam

VIETNAM (REPUBLIC) see Vietnam

VIETNAM (SOCIALIST REPUBLIC) see Vietnam

VIETNAMESE CONFLICT, 1957-1975

(H.Ross) Perot offers to sponsor vet memorial poll. AF Times 42:29 Jan 4 '82

The use of meteorological satellites in Southeast Asia operations. LtCol Henry W. Brandli, Ret. illus map Aerosp Hist 29: 172-175 Sep '82

Viet(nam) memorial architect faults design changes. Allen E.Carrier. illus AF Times 42:4 Jul 19 '82

Aerial Operations, American

The bombers go to bullseye. LtCol George B. Allison. illus maps tab Aerosp Hist 29: 227-238 Dec '82

Documenting the Southeast Asia air war: Red Baron II and III. James R.Hinds. illus Aerosp Hist 29:191-194 Sep '82

The flight of the Blind Bat (strike control and reconnaissance mission). LtCol Richard Earl Hansen, Ret. illus AU Rev 33:40-47 May-Jun '82

Forty years of Army Aviation. BrigGen William W.Ford, Ret. illus USA Avn Dig pt 1, Grasshoppers. 28:2-10 Jun '82; pt 2, Building a training program. Richard K.Tierney. 28:23-36 Jul '82; pt 3, Combat. 28:19-32 Aug '82; pt 4, Armed helicopters. 28:31-35 Sep '82; pt 5, Policies and organizations. 28:28-35 Oct '82

Linebacker II: Ten years in retrospect. LtGen George D.Miller. illus por Combat Crew 32:2-7 Sep '82

The radar warning story. illus Asian Def J No.1:70-72 Jan '82

Rolling Thunder and the law of war. W.Hays Parks. illus AU Rev 33:4-23 Jan-Feb '82

This story was a real . . . napalm nightmare. Maj Rollin C.Broughton, Jr. MAC Flyer 29: 12-15 Aug '82

American Participation

Amphibious operation at Vinh. illus MarCor Gaz 66:54-60 Dec '82

VIETNAMESE CONFLICT, 1957-1975 - ContinuedAmerican Participation - Cont'd

Battle at Hue City. Keith William Nolan.
illus map US Nav Inst Proc 108:50-58 Apr
'82

The burden of the draft: The Vietnam years.
Patricia M. Shields. tabs J Pol & Mil Sociol
9:215-228 Fall '81

(Gen William C.) Westmoreland sues CBS for
\$120-million over "Vietnam deception"
documentary. Benjamin F. Schemmer. por
Armed Forces J Intl 120:12+ Oct '82

Vietnam and the American theory of limited
war. Stephen Peter Rosen. Intl Sec 7:83-
113 Fall '82

Campaigns and Battles

Battle at Hue City. Keith William Nolan.
illus map US Nav Inst Proc 108:50-58 Apr
'82

Rolling Thunder and the law of war. W. Hays
Parks. illus AU Rev 33:4-23 Jan-Feb '82

Lessons Learned (Military)

Communications security in Vietnam: A learn-
ing experience. Maj Peter M. Cuvillo. maps
Jt Persp 3:36-45 Winter '82

How logistics systems behave. RADM Henry E.
Eccles, Ret. Address, SOLE 11th Annual
Symposium, Valley Forge, PA, 17 Aug 1976.
Log Spectrum 16:31-34 Summer '82

To provide for the common defense. Harry G.
Summers, Jr. Parameters 12:2-10 Sep '82

Victory over ignorance and fear: The U.S.
minelaying attack on North Vietnam. Comdr
Ulrik Luckow. Nav War Col Rev 35:17-27
Jan-Feb '82

Logistics

How logistics systems behave. RADM Henry E.
Eccles, Ret. Address, SOLE 11th Annual
Symposium, Valley Forge, PA, 17 Aug 1976.
Log Spectrum 16:31-34 Summer '82

Missing in Action

MIAs: Reports of their existence multiply.
Allen E. Carrier. AF Times 43:29 Jul 26 '82

Naval Operations, American

Special warfare assault craft and forces: An
international perspective. David Fitzgerald.
illus Mil Tech 6:31-32+ Jul '82

Victory over ignorance and fear: The U.S.
minelaying attack on North Vietnam. Comdr
Ulrik Luckow. Nav War Col Rev 35:17-27
Jan-Feb '82

VIETNAMESE CONFLICT, 1957-1975 - ContinuedPacification Program

CORDS (Civil Operations, Revolutionary De-
velopment Support): Matrix for peace in
Vietnam. James K. McCollum. illus Army 32:
48-53 Jul '82

Personal Narratives

The flight of the Blind Bat (strike control
and reconnaissance mission). LtCol Richard
Earl Hansen, Ret. illus AU Rev 33:40-47
May-Jun '82

Political Aspects
See War--Political AspectsPrisoners of War

Face-off in the jungle, and three came home.
Col Douglas E. Moore. illus Army 32:24-33
Mar '82

MIAs: Reports of their existence multiply.
Allen E. Carrier. AF Times 43:29 Jul 26 '82

Pilot checks in the hard way. Capt Rick Dyer.
illus Officer 58:18-20 Oct '82

Serial personality evaluations of repatriated
U.S. Air Force Southeast Asia POWs. Richard
D. Wheatley and Robert J. Ursano. illus tabs
Aviation, Space & Envmt Med 53:251-257 Mar
'82

Public Opinion

Americans and the Vietnam veteran. Christine
Adamec. illus Sergeants 20:28-31 Feb '82

CBS News, General Westmoreland, and the
pathology of information. LtCol Evan H.
Parrott, Jr. AU Rev 33:100-106 Sep-Oct '82

They, too, were heroes. BrigGen Albin F. Ior
Irzyk. illus Army 32:18-21+ Dec '82

Reconnaissance Operations

The flight of the Blind Bat (strike control
and reconnaissance mission). LtCol Richard
Earl Hansen, Ret. illus AU Rev 33:40-47
May-Jun '82

VINSON, Carl

Uncle Carl (Vinson). Capt John F. Tarpey. por
illus US Nav Inst Proc 108:38-45 Jan '82

VIOLENCE

The jackal reborn: The Brinks robbery and
terrorism in the United States. Samuel T.
Francis. Intl Sec Rev 7:98-124 Spring '82

Law makers & law enforcers discuss domestic
terrorism. Sen John East. Intl Sec Rev 7:
79-98 Spring '82

OSI study examines rape patterns. Don Mace.
AF Times 43:3 Jul 26 '82

VISUAL AIDS see Audio-Visual Aids

VISUAL FLYING

Consider the balloon. LtCol John G. Heslin.
illus USA Avn Dig 27:31-33 Dec '81

Fresnel lens optical landing system. LT
Angelo J. Spadaro. illus MAC Flyer 29:6-7
Apr '82

Hazards of low level flying. Col Grant B. Mc-
Naughton. illus Flying Safety pt 1, 37:
8-9 Nov '81; pt 2, 37:12-15 Dec '81; pt 3,
38:9-11 Feb '82; pt 4, 38:18-20 Mar '82;
pt 5, 38:14-16 May '82

A precision glidepath was never meant for
... ducking under. illus MAC Flyer 29:
10-12 Jul '82

SAC aircraft in the VFR (Visual Flight Rules)
environment. LtGen Robert T. Herres. por
Combat Crew 32:2-3 Feb '82

Visual field narrowing by non-visual factors
... or why you didn't see that aggressor
in time. Robert J. Randle, Jr and Frederick
V. Malmstrom. illus Flying Safety 38:14-18
Jul '82

VOLCANOES

Stay out of volcanic clouds. Maj Arthur P.
Meikel. Flying Safety 38:7 Oct '82

VOLUNTARY SERVICE see Military Service, Volun-
tary

VON KÁRMÁN, Theodore

Theodore Von Kármán, 1881-1963 (influenced
the course of modern aeronautics, rock-
etry, and astronautics). R. Cargill Hall.
illus por Aerosp Hist 28:253-258 Dec '81

VOTING

Citizens in uniform: Political participation
among military and civilian samples. Ste-
phen E. Frantzich. tabs J Pol & Mil Sociol
10:15-28 Spring '82

Those punitively discharged may vote, Defense
(Dept) clarifies. AF Times 42:10 May 3 '82

W A C see Women in the Army

W A F see Women in the Air Force

W A P S see Weighted Airman Promotion System

W A V E S see Women in the Navy

W M C C S see Worldwide Military Command and Control System

WAGNER, Donald B.

Air Force Medical Service Center. illus por
AF Mag 65:130+ May '82

WAGNER, Louis C., Jr

Armor conference--1982. MajGen Louis C.
Wagner, Jr. Armor 91:31-38 Jul-Aug '82

WAKE TURBULENCE see Turbulence

WALKER, Emmett H., Jr

Army National Guard strength tops 400,000.
LtGen Emmett H.Walker, Jr. illus Army 32:
140-143+ Oct '82

104th (NGAUS) General Conference: What they
said. illus Natl Guard 36:22-29 Dec '82

WALKER, Kenneth N.

The pioneer plan for air war. DeWitt S.Copp.
AF Mag 65:74-78 Oct '82

WALVIS BAY

Walvis Bay: A naval gateway, an economic
turnstile, or a diplomatic bargaining chip
for the future of Namibia? Richard Dale.
map RUSI J for Def Studies 127:31-36 Mar
'82

WAR

See also specific Wars by name, e.g.,
Afghanistan Conflict, 1979-
Arab-Israeli Conflict, 1967-
Cambodian Conflict, 1973-
Civil War--U.S.
Iran-Iraq War, 1980-
Korean War, 1950-1953
Mexican War, 1845-1848
Middle East Crisis, 1967
Middle East War, 1973

Napoleonic Wars
Revolutionary War--U.S.
Russo-Japanese War, 1904-1905
Spanish-American War, 1898
Vietnam--Chinese Invasion, 1979
Vietnamese Conflict, 1957-1975
World War I
World War II

The causes of war. Capt A.Brent Merrill.
Mil Rev 62:44-52 Jul '82

The essential Clausewitz. B.M.Simpson III.
Nav War Col Rev 35:54-61 Mar-Apr '82

WAR - Continued

Implementing a maneuver style of war. Capt
Anthony M.Coroalles. illus Mil Rev 62:20-25
Dec '82

Israel lashes out. R.D.M.Furlong. illus Intl
Def Rev 15, No.8:1001-1007 '82

Just look at the world! Denis Warner. illus
Pac Def Rep 9:49-50 Jul '82

The law of war in the United States Court of
Military Appeals. Maj Burrus M.Carnahan.
AF Law Rev 22:120-136 '80/'81

Strategic analysis and MX deployment. Col
Thomas A.Fabyanic, Ret. Adapted from chap-
ter in National Security Issues: Choices
and Limits, edited by Stephen J.Cimbala.
Strat Rev 10:29-35 Fall '82

Support of combat actions. Maj V.Osipenko.
illus Soviet Mil Rev No.10:19-21 Oct '82

War, politics, and hostile will. (Ira C.Eaker
Essay--second prize winner) LtCol Dennis M.
Drew. AU Rev 33:33-39 Mar-Apr '82

We must train junior leaders for the brutal
reality of war. Col J.O.Langtry. Pac Def
Rep 9:41-42 Oct '82

Economic Aspects

See also
Economic Warfare

Cost-effectiveness: Some thoughts on its
meaning for the Royal Air Force. GpCapt
D.G.Campbell. Hawk, pp 56-63, Feb '82

Ethical Aspects

The causes of war. Capt A.Brent Merrill.
Mil Rev 62:44-52 Jul '82

DOD cautious in appraisal of bishops' nuclear
policy. Allen E.Carrier. AF Times 43:4
Nov 15 '82

An effort to regulate aerial bombing: The
Hague Commission of Jurists, 1922-1923.
Lester H.Brune. illus Aerosp Hist 29:183-
185 Sep '82

Exodus or entrenchment: The Catholic dilemma
of duty. LCDR John N.Petrie. Nav War Col
Rev 35:69-76 Jul-Aug '82

The moral dimension of war and the military
ethic. Donald Atwell Zoll. Parameters 12:
2-15 Jun '82

The moral man in the modern military and the
'just war' concept in today's world. ADM
James D.Watkins. illus Sea Power 25:17-18+
Dec '82

Religion and national security. James V.
Schall. Intl Sec Rev 7:135-154 Summer '82

Symposium: The Arab-Israeli conflict. Kath-
leen L.Uhler and others. J Pol & Mil Sociol
10:121-129 Spring '82

WAR - ContinuedHistory

U.S. vs Red Cloud: The final 'coup.' Michelle Starr. illus Army 32:70-73+ Jun '82

Laws

See International Law

Political Aspects

Application of the "open city" concept to Rome 1942-1944. 2dLt Jerrold F.Elkin. AF Law Rev 22:188-200 '80/'81

The Munich surrender: An attempt at a military equation. John Terraine. tabs RUSI J for Def Studies 127:56-61 Jun '82

Principles

See Military Art and Science

Psychological Aspects

Continuous operations. Capt George R.Frank. illus Armor 91:19-23 Mar-Apr '82

Study and Teaching

The historical elements of Mahanian doctrine. Thomas R.Pollock. Nav War Col Rev 35:44-49 Jul-Aug '82

WAR, FUTURE

Annihilation, attrition, and the short war. Earl F.Ziemke. Parameters 12:23-31 Mar '82

Armed forces of the Korean peninsula--a comparative study. G.Jacobs. tabs illus Asian Def J No.11:12-14+ Nov '82

Bluewater blueprint: The fleet of the future--some guiding principles. John E.Moore. illus Sea Power pt 1, 25:119-120+ Apr '82; pt 2, The fleet of the future--the impact of technology. James W.Lisanby and Reuven Leopold. 25:127-128+ Apr '82

The challenge for logisticians--the future. LtCol Marvin L.Davis. illus AF J Log 6:3-6 Summer '82

The changing role of the motor common carrier and its impact on defense transportation: Trucking our future war. Capt Bruce P. Schoch. Def Trans J 38:14-16 Apr '82

Chaparral on future battlefields. Capt Steven F.Waters. illus Air Def Mag, pp 22-24, Jul-Sep '82

The future of strategy. Ernest Volkman. Mil Sci & Tech 2:28-29+ '82

Men and machines: The automation of the battlefield. Lt-Col Gerd Schultze-Rhonhof. illus NATO's Fifteen Nations 26:28+ Dec '81-Jan '82

Some strategic implications of breakthroughs in C3I. George H.Quester. Signal 36:25-28+ Mar '82

Warning time (in a NATO versus Warsaw Pact framework). Maj Donald L.Mercer. illus Mil Rev 62:14-18 Jan '82

WAR, LIMITED see Limited WarWAR AND TECHNOLOGY

The AHIP (Army Helicopter Improvement Program): Field artillery aerial observer platform of the future. Col Robert S.Fairweather, Jr and Maj Grant Fossum. illus Fld Arty J 50:14-17 Jul-Aug '82

Airland battle 2000 takes the offensive using high technology. David M.Russell. illus Def Elect 14:60+ Jun '82

Combat by order of technology. William D. O'Neil. illus Mil Sci & Tech 2:66-72 '82

A decade of accelerated technology. Stefan T. Possony. illus Def & For Aff 10:6-9 Apr '82

Defense Science Board reports on the technology base. John J.McIntyre. Def Sci 2000+ 1:42+ May-Jun '82

Dimensions of mobility. Col Andrew P.O'Meara, Jr. illus tabs Armor 91:22-25 Jan-Feb '82

Does modern technology change the rules of geopolitics? Randall Collins. J Pol & Mil Sociol 9:163-177 Fall '81

Finding tactics to match technology. Capt Gary W.Anderson. illus MarCor Gaz 66:19-22 Feb '82

The future of strategy. Ernest Volkman. Mil Sci & Tech 2:28-29+ '82

The idea factory (High Technology Test Bed, Ft. Lewis, WA). SP5 Bill Branley. illus Soldiers 37:23-25 Mar '82

Imaginations in thrall: The social psychology of military mechanization 1919-1939. Barton C.Hacker. Parameters 12:50-61 Mar '82

Is technology the culprit? CAPT J.R.See-sholtz. illus US Nav Inst Proc 108:46-50 Jun '82

Men and machines: The automation of the battlefield. Lt-Col Gerd Schultze-Rhonhof. illus NATO's Fifteen Nations 26:28+ Dec '81-Jan '82

Soviet artillery: Determined to dominate the battlefield. LtCol William P.Baxter, Ret. illus Army 32:57-59 Apr '82

Uneasiness about technological progress in the armed forces. Col Ruprecht Haasler and LtCol Hans Goebel. illus Mil Rev 62:62-72 Oct '82

The U.S. Army training system and the modern battlefield. LtCol Franklin Y.Hartline. illus Mil Rev 62:2-11 Feb '82

VISTA (Very Intelligent Surveillance and Target Acquisition)--a view of the future. William E.Vander Meer. illus J of Elect Def 5:47-48+ Oct '82

WAR GAMES

Did we learn anything from that exercise? Could we? Frederick Thompson. Nav War Col Rev 35:25-37 Jul-Aug '82

WAR GAMES - Continued

KOMPASS--a computer-based war game. J.P.Marty
illus map tabs Intl Def Rev 15, No.4:417-
420 '82

Logistics wargaming. Capt Kimberley T.Smith.
illus Army Log 14:36-38 Jan-Feb '82

Pac-man meets GI Joe? Tom Kiddoo. illus
Soldiers 37:20-23 Sep '82

USAF plans major new training facility (at
Maxwell Air Force Base, AL). J of Elect
Def 5:23 Feb '82

Video marches on. SP5 Bill Branley. illus
Soldiers 37:36-37 Jun '82

WAR MEMORIALS see MemorialsWAR POTENTIAL

The causes of war. Capt A.Brent Merrill.
Mil Rev 62:44-52 Jul '82

Deterrence and perception. Robert Jervis.
Intl Sec 7:3-30 Winter '82/'83

Neutron weapons: Solution to a surprise
attack? Col Daniel Gans. illus tabs map
Mil Rev pt 1, 62:19-37 Jan '82; pt 2, 62:
55-73 Feb '82

Notes on war potential. RADM Henry E.Eccles.
Ret. Log Spectrum 16:17-18 Summer '82

China (People's Republic)

What kinds of arms for Taiwan? Col Angus M.
Fraser, Ret. Strat Rev 10:76-81 Fall '82

Korea (North)

Korea: Force imbalances and remedies. Donald
R.Cotter and N.F.Wikner. illus tabs Strat
Rev 10:63-70 Spring '82

Soviet Union

Assuring the security of reinforcements to
Norway. RADM Roy Breivik. illus NATO's
Fifteen Nations Special Issue No.2:66+ '82

Can we survive and win? James R.Van Orman
and Clarence E.Langford. illus tab AF
Engrg & Svcs Qtr 23:14-18 Spring '82

Chemical warfare. LtCol Guy M.Lovelace. illus
NATO's Fifteen Nations 26:54-56 Dec '81-
Jan '82

Chemical weapons: An imbalance of terror.
Joseph D.Douglass, Jr. tab Strat Rev 10:
36-47 Summer '82

General aviation assets are overlooked in
postnuclear attack planning. Clinton H.
Whitehurst, Jr and Michael W.Broadway.
tab map AU Rev 33:96-100 Nov-Dec '81

General calls advance plan U.S. myth. (Inter-
view with BrigGen Yevgeny M.Tatarnikov)
Sandro Viola. Mil Sci & Tech 2, No.1:24-26
'82

WAR POTENTIAL - ContinuedSoviet Union - Cont'd

Modernization and growth of the USSR's armed
forces. LtGen James A.Williams. illus map
J of Elect Def 5:23-24+ Aug '82

The myth of the Soviet threat. Steve Smith.
illus RUSI J for Def Studies 127:41-49 Jun
'82

National security in an insecure age. Lau-
rence Martin. Nav War Col Rev 35:4-11 Sep-
Oct '82

On creating an enemy. Robert B.Bathurst. Nav
War Col Rev 34:14-26 Nov-Dec '81

On prolonged nuclear war. Richard B.Foster.
Intl Sec Rev 6:497-518 Winter '81/'82

Soviet arms buildup threatens parity with the
west. Glenn E.Wasson. illus tab Def Elect
14:62+ Jan '82

Soviet civil fleet--the challenge. CDR James
John Tritten. Natl Def 67:26-30 Dec '82

Soviet crisis and western disunity: Contend-
ing timetables. Brian Crozier. Strat Rev
10:21-28 Fall '82

Soviet perceptions of nuclear strategy and
implications for U.S. deterrence. Stephen
M.Millett. AU Rev 33:50-61 Mar-Apr '82

United States

The other side of the hill--the Western
threat to the Soviet Union. Vadim Zagladin.
illus NATO's Fifteen Nations 27:22-24+
Aug-Sep '82

Warsaw Pact

Air base survivability in Europe: Can USAF
survive and fight? Maj Stephen C.Hall.
illus AU Rev 33:36-46 Sep-Oct '82

Defence of Central Europe: The challenge of
the 1980s. Gen Ferdinand Von Senger Und
Etterlin. illus maps NATO's Fifteen Nations
Special Issue No.2:16-18+ '81

The defence of the Northern German plain.
Gen Michael Gow. illus NATO's Fifteen
Nations Special Issue No.2:34-36 '81

Denmark. MajGen Niels Hølst-Sorensen. illus
NATO's Fifteen Nations Special Issue
No.1:22 '82

Germany. LtGen Friedrich Obleser. illus
NATO's Fifteen Nations Special Issue
No.1:25-26+ '82

Italy. Gen L.Bartolucci. illus NATO's Fifteen
Nations Special Issue No.1:30-31 '82

The short cut. (NATO's Central Army Group
(CENTAG)) Gen Frederick J.Kroesen. illus
map NATO's Fifteen Nations Special Issue
No.2:40+ '81

United Kingdom. ACM Michael Beetham. illus
NATO's Fifteen Nations Special Issue No.1:
41-42 '82

WAREHOUSES see Storage

WARFARE see specific types of Warfare, e.g.,

Air Warfare
 Antisubmarine Warfare
 Armored Warfare
 Chemical-Biological Warfare
 Counterinsurgency
 Economic Warfare
 Electronic Warfare
 Guerrilla Warfare
 Jungle Warfare
 Land Warfare
 Mine Warfare
 Naval Warfare
 Nuclear Warfare
 Psychological Warfare
 Space Warfare
 Strategic Warfare
 Submarine Warfare
 Tactical Warfare
 Tropical Warfare
 Tunnel Warfare
 Unconventional Warfare
 Urban Warfare

WARNING SYSTEMS

See also specific types of Warning Systems, e.g.,
 Airborne Early Warning
 Ballistic Missile Early Warning System

Employment of tactical air control radars.
 Col Robert E. Gardner. Signal 37:55-58
 Nov '82

MSCS: The future of SHORAD early warning.
 Frank Schoch. illus Air Def Mag, pp 27-30,
 Jul-Sep '82

Warning time (in a NATO versus Warsaw Pact framework). Maj Donald L. Mercer. illus Mil Rev 62:14-18 Jan '82

WARRANT OFFICERSArmy

A lieutenant's guide to the aviation warrant officer. 1stLt Ronald M. Buffkin. illus USA Avn Dig 28:28-30 Sep '82

What's a warrant officer? SSgt Vickey Mouze. illus Soldiers 37:32-36 Feb '82

History

USA warrant officers had start as mine planters. CWO Harry B.J. Lee. illus Officer 58:34-35 Aug '82

Marine Corps

A case for returning the warrant officers' screening course. Maj P.T. Metzger. MarCor Gaz 66:23-24 Feb '82

Navy

Warrant officers: Use them or lose them. CWO J.B. Hart. illus US Nav Inst Proc 108:59-61 Apr '82

WARRANTY

Contractor incentives to improve reliability and support. John P. Solomond. tabs Concepts 5:130-147 Summer '82

WARSAW PACT

See also subdivision under specific subjects, e.g.,
 Defenses--Warsaw Pact

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 65:140-143 Dec '82

Extending the analysis beyond the two super-powers: Adding in the allies. tab Defense/82, pp 16-17, May '82

The two-way street--a view from Europe on the uneven balance (between NATO and the Warsaw Pact). Patrick Wall. illus tab Sea Power 25:68+ Apr '82

The Warsaw Pact. International Institute for Strategic Studies. illus tabs map AF Mag 65:73-76+ Dec '82

Warsaw Pact: Juggernaut or paper tiger? CAPT Steve F. Kime. illus AF Mag 65:67-69 Jun '82

WARSHIPS

See also specific types of Warships, e.g.,

Aircraft Carriers
 Aircraft Carriers, Nuclear Powered
 Amphibious Warfare Ships
 Auxiliary Ships
 Cruisers
 Destroyers
 Minesweepers and Minesweeping
 Submarines
 Submarines, Nuclear Powered

Escorts: 1982 and beyond. A.W. Grazebrook. tab illus Pac Def Rep 8:11-14 Mar '82

The RINA (Royal Institution of Naval Architects) symposium on small fast warships and security vessels. Christopher Dawson. tab illus Intl Def Rev 15, No.7:937-940 '82

Sea services. Regular feature in issues of National Defense

Strait shooting. LCDR James A. Hazlett. illus map tab US Nav Inst Proc 108:70-73 Jun '82

Canada

Escorts: 1982 and beyond. A.W. Grazebrook. tab illus Pac Def Rep 8:11-14 Mar '82

Europe

Escorts: 1982 and beyond. A.W. Grazebrook. tab illus Pac Def Rep 8:11-14 Mar '82

Germany (West)

S-143A (missile-armed fast attack craft). Ezio Bonsignore. illus NATO's Fifteen Nations 26:64+ Dec '81-Jan '82

India

Escorts: 1982 and beyond. A.W. Grazebrook. tab illus Pac Def Rep 8:11-14 Mar '82

WARSHIPS - ContinuedJapan

Escorts: 1982 and beyond. A.W.Grazebrook. tab
illus Pac Def Rep 8:11-14 Mar '82

N A T O

Corvettes for NATO: A new solution? Ermanno
Martino. illus NATO's Fifteen Nations
27:57+ Jun-Jul '82

Soviet Union

Admiral (Sergey G.) Gorshkov and the Soviet
navy. illus map AU Rev 33:29-47 Jul-Aug
'82

Another one of their new destroyers: Udaloy.
CAPT J.W.Kehoe and K.S.Brower. tabs illus
US Nav Inst Proc 108:115-119 Feb '82

Moscow's most powerful fleet. Frederic N.
Smith. Def & For Aff 10:30-31 Sep '82

New trends in the Soviet Navy. Norman Fried-
man. illus NATO's Fifteen Nations 27:42-45
Jun-Jul '82

Petropavlovsk and venta--another look.
G.Jacobs. illus Asian Def J No.1:65+ Jan
'82

Soviet ship types. Arthur D.Baker III. illus
tabs US Nav Inst Proc pt 1, 106:111-117
Nov '80; pt 2, 106:115-120 Dec '80; pt 3,
108:168-174 Oct '82

U.S. and Soviet ship design practices, 1950-
1980. CAPT James W.Kehoe, Ret. and others.
illus tabs US Nav Inst Proc 108:118-133
May '82

United States

The BB(V) (BattleShip, V/STOL landing sup-
port). Joseph C.Antoniotti. illus US Nav
Inst Proc 108:99-100 Feb '82

Battleships--a different view. Capt Mark F.
Cancian. illus MarCor Gaz 66:58-62 Feb '82

CG-47: A warship for the 1990s. Stefan
Geisenheyner. illus Asian Def J No.5:70-72+
May '82

Escorts: 1982 and beyond. A.W.Grazebrook. tab
illus Pac Def Rep 8:11-14 Mar '82

Future combat ships require redesigned
systems: Current outmoded ship designs
are unlikely to survive future conflicts.
Julian Lake. illus (Also cutaway) Def
Elect 14:77-78+ Apr '82

Role of the battleship in rapid deployment
forces. Maj J.Michael Strickland. tab Jt
Persp 3:14-25 Winter '82

U.S. and Soviet ship design practices, 1950-
1980. CAPT James W.Kehoe, Ret. and others.
illus tabs US Nav Inst Proc 108:118-133
May '82

History

(Comdr John M.) Brooke of Confederate naval
ordnance. M.L.Brown. illus tab Natl Def 66:
34-38 May-Jun '82

WARSHIPS - ContinuedUnited States - Cont'dHistory - Cont'd

The Iowa class: Needed once again. Howard W.
Serig, Jr. illus US Nav Inst Proc 108:
134-149 May '82

WASTE DISPOSAL see Refuse and Refuse Disposal

WASTE IN GOVERNMENT

Abuse? Not me! SP5 Terri Wiram. illus
Soldiers 37:33-36 Apr '82

Air Force initiates integrity and management
improvement program. Russell D.Hale. illus
AF Compt 16:14-16 Jul '82

Antifraud, abuse programs will be started.
AF Times 42:22 May 17 '82

Breakdown in Morale, Welfare, and Recreation
(MWR) internal controls. TIG Brief 34:16
Apr 30 '82

A closer look at waste and fraud in DOD.
Robert T.Moran. tabs Armed Forces Compt
27:29-33 Summer '82

Computer abuse: How the data processing
installation manager can reduce it. TIG
Brief 34:11-12 May 28 '82

DOD report: War on waste saves \$4 billion.
Paul Smith. AF Times 42:4 Jun 28 '82

Focusing on fraud and waste. Deputy SecDef
Frank C.Carlucci. por Armed Forces Compt
27:4-7 Winter '82

Fraud, Waste, and Abuse (FW&A) hotlines.
TIG Brief 34:12 Apr 2 '82

Fraud, waste, and abuse (FW&A): How much does
it cost? TIG Brief 34:8 Sep 13 '82

Loss prevention working group. TIG Brief
34:14 May 28 '82

New efficiency program. illus AF Times 42:14
Jan 4 '82

Progress report from the fraud & waste front.
Joseph H.Sherick. illus Defense/82,
pp 20-28, Feb '82

Public affairs guidance for handling con-
firmed cases of fraud, waste, and abuse.
Gen Lew Allen, Jr. TIG Brief 34:1-2
Mar 5 '82

The security police role in fraud, waste, and
abuse identification and prevention. TIG
Brief 34:11 Jul 9 '82

Where are the slide packs going? TIG Brief
34:8 Mar 5 '82

Your Air Force hotline in action! TIG Brief
34:3 Feb 19 '82

WATER

Bright Star tests near-term water doctrine.
LtCol Carl N.Price. Army Log 14:4 Jul-Aug
'82

Chill charts. tabs TAC Attack 22:21-23
Nov '82

WATER - Continued

A logistics function--DOD water 'works.'
LtGen Richard H. Thompson and Capt Daniel
G. Mongeon. Army Log 14:6-8 Jan-Feb '82

The Marines: Taking the heat. Paul O. Davis
and CDR Robert J. Biersner. illus US Nav
Inst Proc 108:110-112 Sep '82

Reserved water rights on Air Force property.
Capt Kirk S. Samelson. AF Law Rev 22,
No. 3:302-317 '81/'82

WATER-BASED AIRPLANES see SeaplanesWATER POLLUTION see PollutionWATER SAFETY

Drowning: The things we know that aren't so.
RADM Norman C. Venzke and CDR David S. Smith,
Ret. illus US Nav Inst Proc 108:111-113
Dec '82

Maritime distress signal kits. TIG Brief
34:20 Apr 16 '82

WATERWAYS

See also
Suez Canal

Advanced concepts in wastewater treatment.
Richard F. Srna and Alan B. Thum. illus tabs
Mil Engr 74:292-297 Jul-Aug '82

Data network improves barge movements on
waterways Operation and Maintenance of
Navigational Installations (OMNI). illus
Natl Def 67:17-18+ Oct '82

The Delaware and Raritan Canal: A bit of
American transportation history. Harold L.
Rubenstein. map Log Spectrum 16:20-23
Fall '82

Omani navy: Operating in troubled waters.
LtCol Thomas M. Johnson and LCDR Raymond T.
Barrett. illus map US Nav Inst Proc 108:
99-103 Mar '82

The river and the New Orleans District. Routh
Trowbridge Wilby. illus Mil Engr 74:222-224
May-Jun '82

Strait shooting. LCDR James A. Hazlett. illus
map tab US Nav Inst Proc 108:70-73 Jun '82

The tactical use of frozen waterways. Maj B. B.
Bell. illus tabs Armor 91:11-13 Nov-Dec '82

Transportation: A national priority. Anthony
L. Kucera. Adapted from speech, Washington
Chapter, Transportation Research Forum,
Mar 24, 1982, Washington. illus map Def
Trans J 38:24-28 Jun '82

Walvis Bay: A naval gateway, an economic
turnstile, or a diplomatic bargaining chip
for the future of Namibia? Richard Dale.
map RUSI J for Def Studies 127:31-36 Mar
'82

WATKINS, James D.

(ADM James D.) Watkins named to succeed
(ADM Thomas B.) Hayward as CNO. James D.
Hessman. por Sea Power 25:41 Apr '82

Admiral (James D.) Watkins to be 22d Navy
Chief. por Armed Forces J Intl 119:20+
Apr '82

Alliance security beyond NATO's boundaries.
ADM James D. Watkins. illus por NATO's
Fifteen Nations Special Issue No. 2:97-98+
'82

An interview with Admiral (James D.) Watkins.
James D. Hessman and Vincent C. Thomas, Jr.
Interview. illus por Sea Power 25:22+
Oct '82

The moral man in the modern military and the
'just war' concept in today's world. ADM
James D. Watkins. illus Sea Power 25:17-18+
Dec '82

New CNO (Chief of Naval Operations) sees
strengthened role. Interview. illus por
Officer 58:17-20 Jul '82

Whole Navy must be ready to fight a war.
Excerpts from remarks, Naval Reserve
change of command ceremony, Oct 21, 1982.
illus por Officer 58:14-16 Dec '82

WEAPON SYSTEMS

Aircraft versus FACs (Fast Attack Craft).
Ezio Bonsignore. illus tab Mil Tech 6:
13-14+ Nov '82

Artillery multiple rocket systems: Efficient,
cheap, reliable. illus Mil Tech 6:43-44+
Jul '82

Blowpipe--shoulder-fired anti-aircraft
weapon system. illus Asian Def J No. 11:
72-74 Nov '82

DARDO close-range anti-missile defence sys-
tem. Enrico Po. illus (Also cutaway) NATO's
Fifteen Nations 27:60-63 Feb-Mar '82

Defence industry newsbriefs. Regular feature
in issues of Asian Defence Journal

Defense industry news. Regular feature in
issues of International Defense Review

Farnborough International '82. illus Islamic
Def Rev 7, No. 3:12-25 '82

International defense digest. Regular feature
in issues of International Defense Review

The maturity of WILDCAT. Ezio Bonsignore.
illus tabs Mil Tech 6:59-60+ Aug '82

Modern weapon technology. Regular feature in
some issues of RUSI Journal for Defence
Studies

Combat Evaluation

Updating the Army's fielded equipment. LtCol
Hardy W. Bryan and Valentin C. Berger. illus
Army Log 14:16-17 Mar-Apr '82

WEAPON SYSTEMS - ContinuedCosts

A cost growth primer. LtCol John R.Power, Jr. illus Concepts 5:93-104 Spring '82

New weapon technology and sortie-effective-ness: Another way to calculate combat power. LtCol Heinrich J.Schepke. illus tabs Jt Persp 2:3-13 Spring '82

Hardening

"The ability to fight & win." Maj Dean Bartel. illus AF Engrg & Svcs Qtr 22:44-46 Winter '81/'82

Maintenance and Repair

Human engineering and all that. Paul Seidenman. illus Natl Def 66:30-33+ Jan '82

Reliability

Contractor incentives to improve reliability and support. John P.Solomond. tabs Concepts 5:130-147 Summer '82

Study and Teaching

The B-52 G/H weapon system trainer. Maj John E.Magness. Combat Crew 32:26-27 Feb '82

Testing

1982 Army weaponry. Eric C.Ludvigsen. illus Army 32:248-250+ Oct '82

Europe, Western

New European artillery consortium produces 155mm 'super weapon.' R.D.M.Furlong. illus Intl Def Rev 15, No.6:753-754 '82

France

The Crotale Naval. George Gibbs. illus Asian Def J No.10:37 Oct '82

Great Britain

British Army Equipment Exhibition 1982. tab illus Mil Tech 6:51-52+ Oct '82

Israel

Lebanon proved effectiveness of Israeli EW innovations. illus Def Elect 14:41-42+ Oct '82

Italy

Anti-ship missile defence--Italian style. Emile Pettecks-Snyder. illus Asian Def J No.10:65+ Oct '82

The Contraves SEAGUARD naval CIWS (Close-In Weapon) System. Ezio Bonsignore. illus Mil Tech 6:86+ Oct '82

Naval construction in Italy on the eve of the Mostra Navale. illus Armada Intl 6:48+ Mar-Apr '82

WEAPON SYSTEMS - ContinuedItaly - Cont'd

Wolf of the high seas--the "LUPO" class frigate. Syed Hussain bin Syed Abdul Karim. illus tabs Asian Def J No.5:64-66+ May '82

N A T O

NATO's new strategy: Defend forward, but strike deep. Benjamin F.Schemmer. illus tabs Armed Forces J Intl pt 1, 120:50-51+ Nov '82; pt 2, Will NATO's C'/EW/I systems let its "strike deep" strategy work? 120: 68-69+ Dec '82

The new weaponry revolution and NATO. Pierre M.Gallois. AEI For Plcy & Def Rev 4, No.1: 17-23 '82

Sea Sparrow (NATO surface-to-air missile system). Christian Eliot. illus tab NATO's Fifteen Nations 26:44-46 Dec '81-Jan '82

Norway

Norwegian naval weapon control and command control systems. illus Armada Intl 6: 100-102+ Jan-Feb '82

Soviet Union

Gallery of Soviet aerospace weapons. John W.R.Taylor. illus AF Mag 65:95-110 Mar '82
Soviet force development. James Hansen. illus Natl Def pt 1, 66:16-19 Oct '81; pt 2, 66: 22-27 Nov '81; pt 3, 66:27-30+ Feb '82
We can't afford to lose the technological edge. Edgar Ulsamer. AF Mag 65:92-95 Feb '82

Spain

Close up on Spain. The Spanish defence industry. M.Ramirez Gabarrus. illus Mil Tech 6: 86-89+ Mar '82

United States

ARNIE (AN/ARN-101 Digital Modular Avionics System)--the WSO's friend. Capt Randall R. Schmidt. Navigator 29:18-19 Winter '82

CG-47: A warship for the 1990s. Stefan Geisenheyner. illus Asian Def J No.5:70-72+ May '82

Dream weapon a nightmare. Frank Greve. Reprinted from The Philadelphia Inquirer, May 2, 1982. Parameters 12:76-86 Sep '82

Gallery of USAF weapons. Susan H.H.Young. illus AF Mag 65:153-166+ May '82

Guns vs butter--without the guns? Col John G.Miller and Maj H.W.Peterson. illus US Nav Inst Proc 108:32-37 Jan '82

LAMPS--a multipurpose weapon system. W.M. Goddes and R.J.Orrange. illus Asian Def J No.2:77-85 Feb '82

The program for a stronger Navy: On course . . . full speed ahead! John Lehman. illus Defense/82, pp 18-24, Oct '82

The resurgence of American air power. H.R. Kaplan. illus Sergeants 21:20-24 Sep '82

Tomahawk: The implications of a strategic/tactical mix. LT Paul G.Johnson. illus tab US Nav Inst Proc 108:26-33 Apr '82

WEAPON SYSTEMS - ContinuedUnited States - Cont'd

Toward adequate airpower for tomorrow (Policy paper, adopted at AFA's Annual National Convention, Sep 14, 1982). AF Mag 65:44-53 Nov '82

The two requirements for C³. James P. Wade, Jr illus AF Mag 65:66-68 Jul '82

We can't afford to lose the technological edge. Edgar Ulsamer. AF Mag 65:92-95 Feb '82

Costs

Competition: Does it lower the cost to the government? Maj Robert J. Kruchten. illus Concepts 5:111-115 Spring '82

Statistics

The five-year spending plan. James W. Abel-lera and Roger P. Labrie. tabs AEI For Plcy & Def Rev 3, No. 4-5:4-46 '81

WEAPON SYSTEMS MANAGEMENT

See also
Systems Engineering

The AN/ALQ-135 supportable survivability for the F-15 Eagle. V.J. Battaglia and T.W. Benard. illus J of Elect Def 5:55-59 Apr '82

The acquisition process: New opportunities for innovative management. David D. Acker and George R. McAleer, Jr. illus tab Concepts 5:83-95 Summer '82

The associate contractor strategy for systems acquisition. LtCol William F. Moore. Def Mgt J 18:34-40 Second Quarter '82

Attacking logistics problems through acquisition reform. Richard D. Webster. illus tab Def Mgt J 18:2-8 Fourth Quarter '82

Augustine's laws and major system development programs. Norman R. Augustine. illus tabs Concepts 5:64-90 Winter '82

Can we afford the DOD acquisition improvement actions? Col G. Dana Brabson. illus tab Concepts 5:45-55 Winter '82

Contractor incentives to improve reliability and support. John P. Solomond. tabs Concepts 5:130-147 Summer '82

Defense acquisition: A game of liar's dice? Walter B. LaBerge. Concepts 5:56-63 Winter '82

Design-to-cost and the DOD acquisition improvement program. Maj Raymond H. Barley. tabs Concepts 5:96-111 Summer '82

Enhancing productivity through increased capital investment. Andrew P. Mosier. Concepts 5:190-213 Summer '82

Human engineering and all that. Paul Seidenman. illus Natl Def 66:30-33+ Jan '82

WEAPON SYSTEMS MANAGEMENT - Continued

Human factors in weapon design: The performance gap. Jonathan Kaplan and John L. Miles, Jr. Concepts 4:76-89 Autumn '81

Navy combat effectiveness multiplies with systems integration. Robert L. Wendt. illus Def Elect 14:65-67 Apr '82

"The now of logistics technology." Clyde Skeen. Log Spectrum 15:40-44 Winter '81

Program stability: An essential element in improved acquisition. Harold J. Schutt and David D. Acker. tab Concepts 5:148-160 Summer '82

Readiness--coequal. Col G. Dana Brabson and John P. Solomond. tabs Concepts 5:161-189 Summer '82

Scheduling for program management: How and why. Forrest L. Godden, Jr. Concepts 4:107-115 Autumn '81

The soldier-machine connection. Peter D. Weddle. illus tab Mil Rev 62:60-68 Jan '82

We must do it (DOD must manage better). Frank C. Carlucci. AF J Log 6:2-4 Winter '82

Why Naval Air Systems (Command) is beefing up its costing credibility. illus Govt Exec 14:28+ Jun '82

WEAPONS

See also specific types of Weapons, e.g.,
Airplanes, Bomber Missiles
Armored Vehicles Nuclear Weapons
Artillery Rockets
Bombs Small Arms
Grenades Tanks, Military
Machine Guns Torpedoes

AUSA '81--part 1: Helicopters dominate. illus Intl Def Rev pt 1, 15, No. 1:75-82 '82; pt 2, Weapons and sensors. 15, No. 2:205-212 '82

AUSA show 1981 Washington, DC. Mil Tech 6:96+ Feb '82

The application of directed energy weapons to air defence. SqLdr K.R.A. Trotter. Hawk, pp 65-72, Feb '82

Brandt gun-mortars. R.M. Ogorkiewicz. illus tab Intl Def Rev 15, No. 2:201-204 '82

How do you spell threat? Capt Dale L. Radtke. illus USA Avn Dig 28:35-37 Nov '82

Infantry tomorrow. Stefan Geisenheyner. illus Asian Def J No. 10:38-39+ Oct '82

MILTECH news. Regular feature in some issues of Military Technology beginning with February 1982

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

Particle beam weapons. Kurt Arbenz. illus Armada Intl 6:74+ Jul-Aug '82

WEAPONS - Continued

The politics of defence expenditure. William J. Perry and Walter B. LaBerge. illus NATO's Fifteen Nations 26:22-26 Dec '81-Jan '82

Weapon systems and equipment. Regular feature in issues of International Defense Review

Combat Evaluation

The AC300 Jupiter--Luchaire's new anti-tank weapon. B. Fritz. illus tab Intl Def Rev 15, No.1:71-74 '82

GAU-8A: High versus low rate. Cpts Sam Walker and Ed Houle. illus USAF Ftr Wpns Rev No.4:2-5 Spring '82

Design

The AC300 Jupiter--Luchaire's new anti-tank weapon. B. Fritz. illus tab Intl Def Rev 15, No.1:71-74 '82

U.S. and Soviet weapon system design practices. CAPT J.W. Kehoe, Ret and K.S. Brower. illus tabs Intl Def Rev 15, No.6:705-712 '82

History

Superweapons. Earl F. Ziemke. Parameters 12:32-42 Dec '82

Statistics

U.S.-Soviet military facts. tabs map Def Monitor 11, No.6: entire issue '82

Austria

The GHN-45: A new long range towed howitzer from Austria. R.D.M. Furlong. illus tabs Intl Def Rev 15, No.6:763-768 '82

France

The AC300 Jupiter--Luchaire's new anti-tank weapon. B. Fritz. illus tab Intl Def Rev 15, No.1:71-74 '82

Manurhin's APILAS (anti-tank rocket)--a non-conformist weapon. B. Fritz. illus tab Intl Def Rev 15, No.5:607-610 '82

Germany (West)

The new PANZERFAUST 3: An effective anti-tank weapon. Klaus F. Minberg. tab illus Mil Tech 6:94-95 Oct '82

Revolutionary new rifle. illus tab Pac Def Rep 9:50-51 Aug '82

Great Britain

Airpower in Britain's future. AVM Michael W.P. Knight. Strat Rev 10:29-35 Summer '82

British Army Equipment Exhibition 1982. tab illus Mil Tech 6:51-52+ Oct '82

Sting ray goes to war. H.C. Davies. illus NATO's Fifteen Nations 27:65-66+ Jun-Jul '82

WEAPONS - ContinuedGreat Britain - Cont'd

The Stingray (torpedo) goes to war. illus Pac Def Rep 9:55 Aug '82

Greece

The Greek defense industry. Robert Salvy. illus Intl Def Rev 15, No.9:1261-1262 '82

N A T O

The break-through in anti-tank warfare. Col Daniel K. Malone. illus NATO's Fifteen Nations 27:56-57+ Feb-Mar '82

NATO's Navies torpedoes. Christian Eliot. NATO's Fifteen Nations Special Issue No.2:122+ '82

New trends in Infantry weapons. Jacques Lenaerts. illus tabs Mil Tech 6:10+ Mar '82

Statistics

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 65:140-143 Dec '82

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 65:148-151 Dec '82

Netherlands

The Netherlands. illus maps tabs NATO's Fifteen Nations 27: Special Marketing Supplement following Jun-Jul '82

South Africa (Republic)

The South African G-6 self-propelled howitzer. Ezio Bonsignore. tab illus NATO's Fifteen Nations 27:100+ Oct-Nov '82

Soviet Union

Gallery of Soviet aerospace weapons. John W.R. Taylor. illus AF Mag 65:95-110 Mar '82

New trends in the Soviet Navy. Norman Friedman. illus NATO's Fifteen Nations 27:42-45 Jun-Jul '82

Soviet arms buildup threatens parity with the west. Glenn E. Wasson. illus tab Def Elect 14:62+ Jan '82

Soviet force development. James Hansen. illus Natl Def pt 1, 66:16-19 Oct '81; pt 2, 66:22-27 Nov '81; pt 3, 66:27-30+ Feb '82

Soviet weaponry: Simple, rugged--and redoubtable. Edwin W. Besch and Ronald E. Fischer. illus Army 32:18-24 Feb '82

U.S. and Soviet weapon system design practices. CAPT J.W. Kehoe, Ret and K.S. Brower. illus tabs Intl Def Rev 15, No.6:705-712 '82

Statistics

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 65:148-151 Dec '82

WEAPONS - ContinuedSweden

FFV's (Förenade Fabriksverken) lightweight AT4--first of a new family of Swedish anti-armour weapons. Mark Hewish. illus tab Intl Def Rev 15, No.5:612-614 '82

Switzerland

Switzerland is modernising: A discussion of Swiss defence plans. illus (Also cutaway) Mil Tech 6:46+ Feb '82

United States

AMRAAM (Advanced Medium Range Air-to-Air Missile): The ultimate air-to-air weapon. tab illus Mil Tech 6:74+ Aug '82

The assault breaker program: U.S. stand-off weapon technology of the future. Mark Hewish. illus Intl Def Rev 15, No.9:1207-1211 '82

Defense trends. Regular feature in issues of Air Force Times beginning with February 15, 1982

Gallery of USAF weapons. Susan H.H.Young. illus AF Mag 65:153-166+ May '82

Laser weapons, tactical lasers: Moving toward lethality. Jeff Hecht. illus Mil Elect/Countermeasures pt 1, 8:42+ Jun '82; pt 2, Strategic laser weapons. 8:16-19 Jul '82; pt 3, High-energy lasers for weapons applications. 8:73-75 Aug '82

Major Navy weapons programs. tables only Sea Power 25:22-23 Mar '82

1982 Army weaponry. Eric C.Ludvigsen. illus Army 32:248-250+ Oct '82

Nonnuclear deterrence: Potentials and problems. Roger A.Beaumont. illus Mil Rev 62: 33-42 Sep '82

On the firing line. Regular feature in issues of National Defense

Prime BEEF weapons and ammunition. TIG Brief 34:18 Mar 5 '82

U.S. and Soviet weapon system design practices. CAPT J.W.Kehoe, Ret and K.S.Brower. illus tabs Intl Def Rev 15, No.6:705-712 '82

U.S. Army conventional armament program build-up. Wolfgang Flume. illus Mil Tech 6:84+ Feb '82

Why we can't avoid developing chemical weapons. Richard L.Wagner and Theodore S.Gold. illus tabs Defense/82, pp 2-11, Jul '82

Costs

'83 defense plan: Hard decisions deferred. Eric C.Ludvigsen. illus tabs Army 32:22-25+ Apr '82

Exhibitions

U.S. Navy League 1982--weapon systems proliferate. illus Intl Def Rev 15, No.6: 793-796 '82

WEAPONS - ContinuedUnited States - Cont'dStatistics

Facts and figures about the Department of Defense. tabs charts illus Defense/82: entire issue Sep '82

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 65:148-151 Dec '82

Warsaw PactStatistics

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 65:140-143 Dec '82

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 65:148-151 Dec '82

WEAPONS LOADING COMPETITIONS see Munitions Loading Competitions

WEAPONS PROCUREMENT

See also
Arms Sales

Defense industry news. Regular feature in issues of International Defense Review

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

Air Force--U.S.

Funds control in the systems acquisition arena. J.Walter Epply III. AF Compt 16: 29-31 Jan '82

Armed Forces--N A T O

Divorce in the family of weapons (NATO's lack of standardization). Richard Sale. illus Def & For Aff 10:4-7 Mar '82

The future of standardization in NATO. Maj Laurence R.Sadoff. illus tab Mil Rev 62: 47-54 Feb '82

Systems approach to multinational acquisition: NATO AWACS. George K.Chacko and LtCol Bruce N.Stratvert. illus tabs Concepts 4:90-106 Autumn '81

Armed Forces--U.S.

The acquisition process: A brief historical perspective. David D.Acker. illus Concepts 5:74-82 Summer '82

Contractor incentives to improve reliability and support. John P.Solomond. tabs Concepts 5:130-147 Summer '82

Department of Defense acquisition improvement program. Col G.Dana Brabson. illus tabs Concepts 4:54-75 Autumn '81

WEAPONS PROCUREMENT - ContinuedArmed Forces--U.S. - Cont'd

Determining the appropriate contract type. CDR Frank T.Meneely. illus tab Concepts 5: 44-49 Summer '82

The economics of the U.S. defense buildup. Richard F.Kaufman. illus NATO's Fifteen Nations 26:38+ Dec '81-Jan '82

Enhanced multiyear procurement for improving weapon systems acquisition. Abraham Singer and Col G.Dana Brabson. tabs Concepts 5: 112-129 Summer '82

Evaluating the impact of quantity, rate, and competition. Larry W.Cox and Jacques S. Gansler. illus tabs Concepts 4:29-53 Autumn '81

The evolving nature of the C³ systems acquisition process. Robert B.Doane. illus Concepts 5:177-190 Autumn '82

Front end support planning that really works. Grant E.Gabel. Log Spectrum 16:24-29 Winter '82

Improving the combat direction system acquisition cycle. LCDR Marvin J.Langston. Concepts 5:119-124 Autumn '82

Improving the source selection process. Manfred J.Reinhard. Concepts 5:34-43 Summer '82

Increasing competition in the acquisition process. John C.McKeown. illus Concepts 5: 26-33 Summer '82

Joint Service software policy and standards. LtCol Casper H.Klucas and others. Concepts 5:191-201 Autumn '82

Practical implications of acquisition policy reform. Robert L.Wendt. illus Def Mgt J 18:14-19 Fourth Quarter '82

Program stability: An essential element in improved acquisition. Harold J.Schutt and David D.Acker. tab Concepts 5:148-160 Summer '82

We must do it (DOD must manage better). Frank C.Carlucci. AF J Log 6:2-4 Winter '82

The Weinberger-Carlucci initiatives: How are we doing? Vince Puritano. tabs Defense/82, pp 2-11, Jun '82

Army--U.S.

1982 Army weaponry. Eric C.Ludvigsen. illus Army 32:248-250+ Oct '82

Defense Dept--U.S.

The acquisition process: New opportunities for innovative management. David D.Acker and George R.McAleer, Jr. illus tab Concepts 5:83-95 Summer '82

WEAPONS PROCUREMENT - ContinuedDefense Dept--U.S. - Cont'd

The associate contractor strategy for systems acquisition. LtCol William F.Moore. Def Mgt J 18:34-40 Second Quarter '82

Attacking logistics problems through acquisition reform. Richard D.Webster. illus tab Def Mgt J 18:2-8 Fourth Quarter '82

Automatic test equipment: The critical need for early planning. George W.Neumann. illus Concepts 5:82-92 Spring '82

Can the defense industry respond to the Reagan initiatives? Jacques S.Gansler. Intl Sec 6:102-121 Spring '82

Can the Secretary of Defense make a difference? Laurence E.Lynn, Jr and Richard I. Smith. Intl Sec 7:45-69 Summer '82

Can we afford the DOD acquisition improvement actions? Col G.Dana Brabson. illus tab Concepts 5:45-55 Winter '82

Competition: Does it lower the cost to the government? Maj Robert J.Kruchten. illus Concepts 5:111-115 Spring '82

A cultural change: Pre-planned product improvement. LtCol Garcia E.Morrow and Jules J.Bellaschi. illus tab Concepts 5:16-25 Summer '82

Defense acquisition: A game of liar's dice? Walter B.LaBerge. Concepts 5:56-63 Winter '82

Dream weapon a nightmare. Frank Greve. Reprinted from The Philadelphia Inquirer, May 2, 1982. Parameters 12:76-86 Sep '82

Getting ourselves together on systems acquisition. Vincent Puritano. illus Armed Forces Compt 27:8-14 Winter '82

Issues facing the new administration. Albert C.Pierce. tab AEI For Plcy & Def Rev 3, No.4-5:47-70 '81

P³I (Pre-Planned Product Improvement)--help in reducing weapon systems costs. LCDR Marlene M.Elkins. Concepts 5:105-110 Spring '82

Risk implications for cost growth in weapon system acquisition programs. William E. Thompson III. Concepts 5:116-128 Spring '82

Top 10 weapons programs swallow 13% of total DOD FY '83 budget. W.Eric Casey. tab Armed Forces J Intl 119:52 Mar '82

Costs

The five-year spending plan. James W.Abel-lera and Roger P.Labrie. tabs AEI For Plcy & Def Rev 3, No.4-5:4-46 '81

WEATHER

See also
Cold Weather Operations
Meteorology
also specific elements, e.g.,
Clouds Snow
Hurricanes Thunderstorms
Ice Turbulence
Lightning Winds

A bird's eye view of winter. Maj James C. St. John. illus Combat Crew 32:14-16 Oct '82

Canadian winters--shipbuilding the year round. Paul Seidenman. illus Natl Def 66: 26-28+ May-Jun '82

Density altitude and tank gunnery. MSgt Emil M. Dular. illus tabs Armor 91:7-10 May-Jun '82

Electro optics in EW--simulating weather and EW effects on IR and EO systems. Merton H. Crowell. illus J of Elect Def 5:37-39+ Jan '82

Flight into Camille. Robert Lee Clark. illus Aerosp Hist 29:74-80 Jun '82

The hazards of winter flying. Maj Kurt P. Smith. illus Flying Safety 38:4-6 Oct '82

Military Applications

Taking the uncertainties out of radar. Col Norman L. Dodd. illus Pac Def Rep 8:45-46 Feb '82

Weather and darkness in contemporary naval operations. CDR Linton Wells II. illus US Nav Inst Proc 108:150-167 May '82

WEATHER FORECASTING

See also
Radar--Weather Applications

A bird's eye view of winter. Maj James C. St. John. illus Combat Crew 32:14-16 Oct '82

"Everyone talks about . . . no one does a thing about . . ." MSgt Watterson. illus Combat Crew 32:21+ Jun '82

Weather and darkness in contemporary naval operations. CDR Linton Wells II. illus US Nav Inst Proc 108:150-167 May '82

Your computer flight plan can tell you about the . . . changes in the wind. Capt Gale E. Clouse, Jr. illus MAC Flyer 29:8-11 Jun '82

WEBER, LaVern E.

Eleven years of progress under NGB chief (LtGen LaVern E.) Weber. illus por Natl Guard 36:10-11 Sep '82

'Manpower, equipment and training.' LtGen LaVern E. Weber. illus por Natl Guard 36: 18-19 Jan '82

WEIGHTED AIRMAN PROMOTION SYSTEM

WAPS (Weighted Airman Promotion System) break seen for improved APRs (Airman Performance Reports). Don Mace. AF Times 43:1+ Dec 20 '82

WEIGHTLESSNESS

The effects of horizontal body casting on blood volume, drug responsiveness, and $+G_z$ tolerance in the rhesus monkey. D.T. Dickey and others. tabs Aviation, Space & Envmt Med 53:142-146 Feb '82

Effects of space flight factors at the cellular level: Results of the Cytos experiment. Hubert Planel and others. illus tabs Aviation, Space & Envmt Med 53:370-374 Apr '82

Effects of various countermeasures against the adverse effects of weightlessness on central circulation in the healthy man. O.G. Gazenko and others. tabs Aviation, Space & Envmt Med 53:523-530 Jun '82

Evidence for the involvement of central α_2 mechanisms in intrathoracic volume expansion--induced diuresis: A study with clonidine and propranolol. Paul Montastruc and others. tabs Aviation, Space & Envmt Med 53:347-353 Apr '82

WEIGHTS AND MEASURES

Measure for measure: DOD plans for metrics. Gary R. Dillard. Def Mgt J 18:44-47 Second Quarter '82

WEINBERGER, Caspar W.

Policy, strategy, & the budget: A new look at resources and approaches. Caspar W. Weinberger. illus tabs Defense/82, pp 2-9+, May '82

A rational approach to nuclear disarmament. Caspar W. Weinberger. por Defense/82, pp 2-7, Aug '82

Secretary of Defense. Interview. Caspar W. Weinberger. illus por Sea Power 25:79-80+ Apr '82

Seeking a consensus for the common defense. Caspar W. Weinberger. illus Defense/82, pp 2-8, Dec '82

The Weinberger-Carlucchi initiatives: How are we doing? Vince Puritano. tabs Defense/82, pp 2-11, Jun '82

Weinberger: 'Our primary goal is to establish and maintain maritime superiority.' L. Edgar Prina. illus Sea Power 25:50+ Mar '82

WEISS, Bernard L.

Keys to success in C³I. BrigGen Bernard L. Weiss. Signal 36:52-54 Aug '82

WELFARE OF ARMED FORCES

Forces abroad--rights, laws, protections. Walter A. Baker. illus Defense/82, pp 20-25, Jul '82

Helping hands. illus Soldiers 37:11-13 Jan '82

High morale in combat. LtGen Julian J. Ewell, Ret. illus Mil Rev 62:19-33 Jun '82

WEST IRIAN see Irian JayaWEST POINT, NY, MILITARY ACADEMY see Military Academy, West Point, NY

WESTMORELAND, William C.

CBS News, General Westmoreland, and the pathology of information. LtCol Evan H. Parrott, Jr. AU Rev 33:100-106 Sep-Oct '82

(Gen William C.) Westmoreland sues CBS for \$120-million over "Vietnam deception" documentary. Benjamin F. Schemmer, por Armed Forces J Intl 120:12+ Oct '82

WHITING, Kenneth R.

The indecisive Russian intelligentsia. Kenneth R. Whiting. AU Rev 33:107-111 Jan-Feb '82

WHITLATCH, Wayne E.

Air Force Test and Evaluation Center. illus por AF Mag 65:138+ May '82

WILLIAMS, James A.

Modernization and growth of the USSR's armed forces. LtGen James A. Williams. illus map J of Elect Def 5:23-24+ Aug '82

WILLIAMS, John G., Jr

(AFCEA) sustaining members' luncheon address. ADM John G. Williams, Jr. illus por Signal 36:21-23 Aug '82

"We'd be better off building what we know we can build today and putting it out in the fleet." Interview. ADM John G. Williams, Jr. illus tabs por Armed Forces J Intl 119:54+ Apr '82

WILLIAMS, ROBERT H.

Those controversial boards. BrigGen R.H. Williams, Ret. MarCor Gaz 66:91-96 Nov '82

WILSON, Louis H., Jr

Reorganizing the JCS. por MarCor Gaz 66:33-35 Sep '82

WIND TUNNELS

Wind tunnel gets go ahead, but no funding. John Ginovsky. AF Times 42:13 Jan 25 '82

WINDS

Chill charts. tabs TAC Attack 22:21-23 Nov '82

Compensating for winds. Maj Tome H. Walters. tab Combat Crew 32:10-11 Oct '82

Low-level flyers beware the . . . hidden hazards. Maj Jerry T. Vining. illus MAC Flyer 29:18-21 Jan '82

Wind shear dangers. Frank Robertson. illus tab Pac Def Rep 9:49 Aug '82

Wind shear: Mother nature at her worst. LCDR Joe Towers. illus MAC Flyer 29:4-6 Jun '82

WIRE

Molybdate smoke suppressants find use in PVC (Polyvinyl Chloride) sheet and wire and cable applications. tab Natl Def 67:8+ Dec '82

WIVES, MILITARY

Army wants to increase kin job slots. Allen E. Carrier. AF Times 42:4 Jun 28 '82

Conferees agree on ex-spouse bill. Martha Lynn Craver. AF Times 43:1+ Aug 23 '82

DOD expected to back ex-spouse claim bill. Laurie Parker. AF Times 42:1+ Feb 8 '82

DOD would support ex-spouse pay if . . . AF Times 42:1+ Mar 22 '82

Defense softens support of ex-spouse pay split. AF Times 42:10 Mar 15 '82

Ex-spouse bill may squeak by as 'rider.' Martha Lynn Craver. illus AF Times 43:1+ Jul 26 '82

Ex-spouse bill: Open door for 'recomp?' Tom Philpott. AF Times 43:1+ Aug 30 '82

Ex-spouse law slights SBP (Survivor Benefit Plan). AF Times 43:1+ Nov 1 '82

Ex-spouse pay bill riles retirees. Tom Philpott. AF Times 43:3 Sep 13 '82

Ex-spouse pay split okayed by House. Martha Lynn Craver. AF Times 43:1+ Aug 9 '82

Fight for ex-spouses not over: (Rep Patricia) Schroeder. Martha Lynn Craver. AF Times 43:1+ Sep 20 '82

Fla. court: Retired pay can be split in alimony. AF Times 42:6 Apr 19 '82

Marriage in limbo. Edna J. Hunter. illus US Nav Inst Proc 108:27-32 Jul '82

Nullification of McCarty: Opening Pandora's box? Randall Shoemaker. AF Times 43:32 Aug 2 '82

PacAF stress: Similar to ConUS, USAFE. Don Mace. AF Times 42:1+ May 31 '82

Panel debates but passes health care for ex-spouses. Martha Lynn Craver. AF Times 43:7 Aug 2 '82

Personnel chiefs to testify on bill to split retired pay. AF Times 42:3 Mar 29 '82

Services: Ex-spouse pay split an 'erosion.' Allen Carrier. AF Times 42:1+ May 10 '82

Services oppose ex-spouse \$ split. AF Times 42:4 Feb 15 '82

Spouse bill to split \$\$ moves. Martha Lynn Craver. AF Times 42:1+ Jul 12 '82

WIVES, MILITARY - Continued

Tax bill prods child support delinquents.
Tom Philpott. AF Times 43:3 Sep 6 '82

Why military wives want equitable benefits.
illus Govt Exec 14:40-41 Mar-Apr '82

Widow awarded SBP; Service failed to notify.
AF Times 42:7 May 10 '82

WOMEN

Sexual discrimination attitude check. TIG
Brief 34:11-12 Aug 6 '82

Women at altitude: Cardiovascular responses
to hypoxia. Barbara L. Drinkwater and
others. tabs Aviation, Space & Envmt Med
53:472-477 May '82

Women in business. Mary Ann LaCanfora. Ex-
cerpt from speech, Philadelphia Chapter,
Society of Logistics Engineers. Log
Spectrum 16:33-34 Fall '82

WOMEN IN THE AIR FORCEUnited States

1st black, woman selected for shuttle mis-
sions. AF Times 42:4 May 3 '82

MajGen Jeanne M. Holm--the first woman two-
star speaks out on today's servicewoman.
Martha Craver. illus por AF Times, Times
Magazine sup:12-15 Dec 6 '82

Pilot, mission crew positions open to women
on AWACS. Leonard Famiglietti. AF Times
42:1+ Mar 29 '82

Pregnancy in the 46- and 316XX career fields.
TIG Brief 34:12 Nov 15 '82

History

America's flying heroines of World War II.
H.R. Kaplan. illus Sergeants 21:22-26 Dec
'82

WASP (Women's Airforce Service Pilots) with
a "fifinella heart." John R. Klick. illus
Aerosp Hist 29:31-33 Mar '82

WOMEN IN THE ARMED FORCES

Army study of women may interest NATO. illus
AF Times 43:21+ Sep 13 '82

France

From periphery to center--women in the French
military. Michel L. Martin. tabs Armed
Forces & Soc 8:303-333 Winter '82

Soviet Union

Women and the Soviet military. Mary Louise
O'Brien and LtCol Chris Jefferies. illus
AU Rev 33:76-85 Jan-Feb '82

United States

All about DACOWITS (Defense Advisory Commit-
tee On Women In The Services). Capt Katie
Cutler. illus Airman 26:18-23 Apr '82

WOMEN IN THE ARMED FORCES - ContinuedUnited States - Cont'd

DACOWITS (Defense Advisory Committee on Women
in the Services) hits 'Women in Army' Re-
port. Allen E. Carrier. AF Times 43:18
Nov 29 '82

The economics of sex integration: An update
of Binkin and Bach (Women in the Military,
a study by Martin Binkin and Shirley A.
Bach). Anne Hoiberg and Patricia J. Thomas.
tabs Def Mgt J 18:18-25 Second Quarter '82

The effect of two years' training on aerobic
power and muscle strength in male and fe-
male cadets. William L. Daniels and others.
tabs Aviation, Space & Envmt Med 53:117-
121 Feb '82

Interpersonal influence and the bases of
military leadership. John Allen Williams.
Mil Rev 62:56-65 Dec '82

Making the volunteer force work. Asst SecDef
Lawrence J. Korb. por tabs illus Defense/82,
pp 2-11, Jan '82

Memo on women: Make 'fullest use.' Laurie
Parker. AF Times 42:3 Feb 15 '82

The military woman: Going backwards? Barbara
Orgenesoff. Govt Exec 14:11-12 Nov-Dec '82

(Sharon) Lord: Repeal Hill ban on women in
combat. illus AF Times 42:12 Jan 11 '82

Women in the military: An ongoing revolution.
Bruce Callander. illus por AF Times 43:8
Dec 20 '82

Women in the military: It is really a matter
of human power. Barbara J. Orgenesoff. Govt
Exec pt 1, 14:22+ Feb '82; pt 2, The human
power issue--from policy to utilization
models to field operations. 14:45+ Mar-Apr
'82; pt 3, Women, the mission and combat:
The difficult question. 14:50+ May '82;
pt 4, Utilization is effective. 14:40
Jun '82; pt 5, Interpreting policy: The
battle between attitudes and equity.
14:27-29 Jul '82; pt 6, Women as soldiers:

The teamwork is all mental. 14:39-40 Oct
'82

Women warriors: Exploring the new integra-
tion of women into the military. Byron D.
Greene III and Kenneth L. Wilson. illus
tabs J Pol & Mil Sociol 9:241-254 Fall '81

WOMEN IN THE ARMYMalaysia

Women in the Malaysian Army. S. Thana. illus
Asian Def J No.6:50-53 Jun '82

United States

DACOWITS (Defense Advisory Committee on Women
in the Services) hits 'Women in Army' Re-
port. Allen E. Carrier. AF Times 43:18
Nov 29 '82

First Guardsman attends Uniform Services
Medical School. Natl Guard 36:17-18+
Sep '82

WOMEN IN THE ARMY - ContinuedUnited States - Cont'd

Pregnancy issue: Job for DOD, says Army.
Larry Carney. AF Times 43:32 Dec 6 '82

Women in the Army: Do they measure up? Maj
Robert L. Nabors. illus tabs Mil Rev 62:
50-61 Oct '82

WOMEN IN THE MARINE CORPSUnited States

The women's place. LtCol Barbara J. Lee, Ret.
MarCor Gaz 66:27 Jan '82

WOMEN IN THE NAVYUnited States

Absence conviction reversed in harassment
case. Rick Maze. AF Times 43:2 Nov 22 '82

The economics of sex integration: An update
of Binkin and Bach (Women in the Military,
a study by Martin Binkin and Shirley A.
Bach). Anne Hoiberg and Patricia J. Thomas.
tabs Def Mgt J 18:18-25 Second Quarter '82

Navy women highly motivated. illus Officer
58:13-15 Mar '82

Teaching women to soldier: The LaBarge touch.
Sandra L. Beckwith. illus Army 32:44-47 Mar
'82

WOODMANSEE, John W., Jr

Army aviation systems program review '82.
MajGen Carl H. McNair, Jr and Capt Josef
Reinsprecht. illus por USA Avn Dig pt 1,
28:38-44 Jun '82; pt 2, Concepts, doctrine
and tactics panel. 28:8-13 Jul '82; pt 3,
Organization and force structure panel.
28:36-39 Sep '82; pt 4, The training panel.
28:2-8 Oct '82; pt 5, The materiel panel.
28:9-13 Oct '82

WORD PROCESSING

What's office automation all about? Charles
A. Ross. illus Signal 36:139-142+ May-Jun
'82

Word processing for warehouse inventory con-
trol. Richard Foster II. Army Log 14:36-37
Mar-Apr '82

WORK MEASUREMENT see Output MeasurementWORK WEEK see Hours of LaborWORLD ORGANIZATION see International Organiza-
tionWORLD POLITICS see International PoliticsWORLD WAR I

Past as prologue? The relevance of the Great
War. Capt Gary P. Cox. Review essay. AU
Rev 33:93-98 Jul-Aug '82

WORLD WAR I - ContinuedCampaigns and Battles

Fame is a fleeting thing. L. Vanloan Naisawald.
illus Infantry 72:24-28 Nov-Dec '82

Of battle and disease: The East African cam-
paign of 1914-18. John Sloan Brown. map
Parameters 12:16-24 Jun '82

Casualties

Fame is a fleeting thing. L. Vanloan Naisawald.
illus Infantry 72:24-28 Nov-Dec '82

Personal Narratives

With Harry Truman in World War I. William L.
Roper. por illus Natl Guard 36:25-30 Jul
'82

Germany

The Big Berthas: How successful? RADM William
H. Langenberg. illus Mil Rev 62:23-32
Nov '82

WORLD WAR IIAerial Operations

Close air support evolution during WW II
amphibious operations. Maj Frank A. Ylinen.
illus Jt Persp 3:98-108 Summer '82

Why the Allies won the air war. Col Mozes
W.A. Weers. AU Rev 33:115-119 Jan-Feb '82

Aerial Operations, American

The devastation bombing at Heroya (Norway),
24 July 1943. Col B. J. Peaslee, Ret. illus
Aerosp Hist 29:260-264 Dec '82

Flying the dauntless dive-bomber. Charles S.
Arthur. illus Aerosp Hist 29:146-153 Sep
'82

Forty years of Army Aviation. BrigGen William
W. Ford, Ret. illus USA Avn Dig pt 1, Grass-
hoppers. 28:2-10 Jun '82; pt 2, Building a
training program. Richard K. Tierney.
28:23-36 Jul '82; pt 3, Combat. 28:19-32
Aug '82; pt 4, Armed helicopters. 28:31-35
Sep '82; pt 5, Policies and organizations.
28:28-35 Oct '82

Jamming Jerry's radar. Horace Corigliano.
illus J of Elect Def 5:64-65 Dec '82

Jimmy Doolittle leaves his calling card. H.R.
Kaplan. illus Sergeants 20:22-24 May '82

The Memphis Belle. H.R. Kaplan. illus Ser-
geants 20:16+ Mar '82

The target was Marienburg. MajGen Dale O.
Smith, Ret. illus AF Mag 65:122-124+ Sep
'82

The War Diary of John R. "Killer" Kane--Out
in the Blue. Kenn C. Rust. Abridgement.
illus Am Avn Hist Soc J pt 1, 27:223-233
Fall '82

WORLD WAR II - ContinuedAerial Operations, British

Night fighting over Europe. Donald S. Lopez.
illus Navigator 29:18-21 Summer '82

Aerial Operations, German

Night fighting over Europe. Donald S. Lopez.
illus Navigator 29:18-21 Summer '82

Aerial Operations, Japanese

Clark Field: Air defense debacle in the
Philippines. Blair Case. illus Air Def
Mag, pp 4-7, Jul-Sep '82

When Japan bombed Oregon. Don Miller. illus
Army 32:63-65 Feb '82

WW II Kate tactic like new Exocet. RADM
Robert H. Spiro, Jr, Ret. illus Officer
58:15-17 Oct '82

Airborne Operations

Corregidor--an airborne assault. Maj Charles
E. Heller. map Infantry 72:22-25 Jan-Feb '82

Campaigns and Battles

See also
Normandy Campaign, 1944
Pearl Harbor, 1941

As I recall . . . "Sink the Wasp!" VADM
William R. Smedberg III, Ret. illus US Nav
Inst Proc 108:47-49 Jul '82

Battalion surgeon on Iwo Jima. Donald A.
McKinnon. illus MarCor Gaz 66:28-37 Feb '82

Battle for Midway. illus map MarCor Gaz
66:14-15 Jun '82

The battle of Kursk (Soviet Union). Robert
P. Arnoldt. illus maps Armor 91:39-41 Jul-
Aug '82

Battle of Stalingrad. A. Vasilevsky. Excerpts
from The Cause of My Life. illus Soviet
Mil Rev, Battle of Stalingrad sup, No. 12:
7-15 Dec '82

Clark Field: Air defense debacle in the
Philippines. Blair Case. illus Air Def
Mag, pp 4-7, Jul-Sep '82

Corregidor--an airborne assault. Maj Charles
E. Heller. map Infantry 72:22-25 Jan-Feb '82

Crossing the Rhine. William Colon. map
Infantry 72:30-33 Jul-Aug '82

A daring raid. LtGen V.M. Bogdanov. illus
Soviet Mil Rev No. 11:38-39 Nov '82

Dunkirk: Myths and lessons. Brian Bond.
RUSI J for Def Studies 127:3-8 Sep '82

Defense of the Reich--two battles. Robert
Smith. illus Armor 91:41-43 Jan-Feb '82

WORLD WAR II - ContinuedCampaigns and Battles - Cont'd

FALL WEISS: The first blitzkrieg. 1stLt Stan-
ley T. Grip, Jr. map Air Def Mag, pp 37-40,
Apr-Jun '82

Feat of unfading glory. map Soviet Mil Rev,
Battle of Stalingrad sup, No. 12:2-6 Dec
'82

The Goodwood concept--situating the apprecia-
tion. Charles J. Dick. map tab RUSI J for
Def Studies 127:22-28 Mar '82

Guadalcanal: 1st battle of the Matanikau
(River). Eric M. Hammel. illus map MarCor
Gaz 66:48-54 Aug '82

Guadalcanal--then and now. Maj J.N. Mueller.
illus MarCor Gaz 66:64-68 Oct '82

Is blitzkrieg warfare back? 2dLt Charles K.
Daigleish. illus US Nav Inst Proc 108:
103-105 Dec '82

Lessons in leadership: The legacy of Kursk
(Soviet Union). Capt Ronald J. Brown. Armor
91:49-50 Jul-Aug '82

Logistics and the Battle of Schmidt (Germany).
Maj John W. Wothe. illus maps Mil Rev 62:
19-28 Mar '82

One day in Stalingrad. V.I. Chuikov. map illus
Soviet Mil Rev No. 9:39-41 Sep '82

Operation "Koltso." Interview. illus map
Soviet Mil Rev No. 12:34-37 Dec '82

Operation "Uran." Col N. Kobrin. map illus
Soviet Mil Rev No. 11:34-37 Nov '82

Remembering Guadalcanal. Louis G. Caporale.
map illus chart MarCor Gaz 66:13-16 Aug '82

Sidi Bou Zid (Tunisia)--a case history of
failure. Capt William R. Betson. illus
Armor 91:38-44 Nov-Dec '82

The 'Ultra weapon' at Guadalcanal. Herbert
Christian Merillat. illus MarCor Gaz 66:
44-49 Sep '82

Whodunnit? (Guadalcanal). CAPT Ben W. Blee,
Ret. illus US Nav Inst Proc 108:42-47
Jul '82

Casualties

When Japan bombed Oregon. Don Miller. illus
Army 32:63-65 Feb '82

Intelligence Operations

Even our side hated the SOE (Special Opera-
tions Executive). Brenda Ralph Lewis. illus
Army 32:50-58 Mar '82

An intelligence case history: The defense of
Osuga, 1942. David Kahn. illus map Aerosp
Hist 28:242-252 Dec '81

The 'Ultra weapon' at Guadalcanal. Herbert
Christian Merillat. illus MarCor Gaz 66:
44-49 Sep '82

WORLD WAR II - ContinuedLessons Learned (Military)

Annihilation, attrition, and the short war.
Earl F. Ziemke. Parameters 12:23-31 Mar '82

Doctrinal option: The potential of the enhanced radiation warhead in Europe. Lt Geoffrey C. Davis. illus Fld Arty J 50:48-50 Jul-Aug '82

Dunkirk: Myths and lessons. Brian Bond.
RUSI J for Def Studies 127:3-8 Sep '82

The Goodwood concept--situating the appreciation. Charles J. Dick. map tab RUSI J for Def Studies 127:22-28 Mar '82

The Munich surrender: An attempt at a military equation. John Terraine. tabs RUSI J for Def Studies 127:56-61 Jun '82

Sidi Bou Zid (Tunisia)--a case history of failure. Capt William R. Betson. illus Armor 91:38-44 Nov-Dec '82

Logistics

Logistics and the Battle of Schmidt (Germany). Maj John W. Wothe. illus maps Mil Rev 62: 19-28 Mar '82

Naval Operations, American

As I recall "damned if I did; damned if I didn't." RADM C. Elliott Loughlin, Ret. US Nav Inst Proc 108:49-50 Aug '82

The saga of the Joseph T. Dickman. Bernard Nalty and Truman Strobbridge. illus Natl Def pt 1, 67:28-31 Nov '82; pt 2, 67:18-19+ Dec '82

The treasure of the Awa Maru. David D. Lowman. illus map US Nav Inst Proc 108:45-48 Aug '82

Naval Operations, British

"Butcher and bolt": Admiral Roger Keyes and British combined operations, 1940-1941. Glen St. J. Barclay. Nav War Col Rev 35:18-29 Mar-Apr '82

Naval Operations, Japanese

Lessons from the past (how Japanese naval leaders used history). Saburo Toyama. illus US Nav Inst Proc 108:62-69 Sep '82

Whodunnit? (Guadalcanal). CAPT Ben W. Blee, Ret. illus US Nav Inst Proc 108:42-47 Jul '82

Personal Narratives

Battalion surgeon on Iwo Jima. Donald A. McKinnon. illus MarCor Gaz 66:28-37 Feb '82

The companies of the damned. John M. Curran. illus Army 32:54-57+ Feb '82

The death of Gen Simon Bolivar Buckner. J. Fred Haley. illus por MarCor Gaz 66:100-106 Nov '82

WORLD WAR II -ContinuedPersonal Narratives - Cont'd

Duty beyond the seas. LtGen Louis Metzger, Ret. illus MarCor Gaz 66:28-37 Jan '82

A few enchanted evenings (on Isley Field, Saipan, MI). Douglass L. Benson. illus Aerosp Hist 29:186-190 Sep '82

Rabbi, teach us! SSgt Craig Pugh. illus Airman 26:36-40 Dec '82

Reflections on the code of conduct. CAPT Kenneth G. Schacht, Ret. illus US Nav Inst Proc 108:34-38 Apr '82

The War Diary of John R. "Killer" Kane--Out in the Blue. Kenn C. Rust. Abridgement. illus Am Avn Hist Soc J pt 1, 27:223-233 Fall '82

Political Aspects

See War--Political Aspects

Prisoners of War

Reflections on the code of conduct. CAPT Kenneth G. Schacht, Ret. illus US Nav Inst Proc 108:34-38 Apr '82

Strategy

Assault or siege: The debate over final strategy for the defeat of Japan, 1943-1945. Maj Charles F. Brower. illus Jt Persp 2:72-83 Spring '82

Breakout (depends on deception and secrecy). Capt George C. Matoy. illus Infantry 72: 26-29 Mar-Apr '82

FALL WEISS: The first blitzkrieg. 1stLt Stanley T. Grip, Jr. map Air Def Mag, pp 37-40, Apr-Jun '82

The first air commandos. Luigi Rossetto. illus Aerosp Hist 29:2-12 Mar '82

War Criminals

Charges of DOD aid to Nazi criminals probed. Paul Smith. AF Times 43:2 Sep 20 '82

Germany

The death of an army (German Sixth Army in Stalingrad, 1942-43). Maj Richard J. Wright. illus maps Jt Persp 3:70-85 Summer '82

FALL WEISS: The first blitzkrieg. 1stLt Stanley T. Grip, Jr. map Air Def Mag, pp 37-40, Apr-Jun '82

Great Britain

Even our side hated the SOE (Special Operations Executive). Brenda Ralph Lewis. illus Army 32:50-58 Mar '82

Italy

Application of the "open city" concept to Rome 1942-1944. 2dLt Jerrold F. Elkin. AF Law Rev 22:188-200 '80/'81

WORLD WAR II - ContinuedNorway

The devastation bombing at Heroya (Norway),
24 July 1943. Col B.J. Peaslee, Ret. illus
Aerosp Hist 29:260-264 Dec '82

Poland

FALL WEISS: The first blitzkrieg. 1stLt Stanley T. Grip, Jr. map Air Def Mag, pp 37-40,
Apr-Jun '82

Soviet Union

The battle of Kursk (Soviet Union). Robert P. Arnoldt. illus maps Armor 91:39-41 Jul-Aug '82

Battle of Stalingrad. A. Vasilevsky. Excerpts from The Cause of My Life. illus Soviet Mil Rev, Battle of Stalingrad sup, No.12: 7-15 Dec '82

A daring raid. LtGen V.M. Bogdanov. illus Soviet Mil Rev No.11:38-39 Nov '82

The death of an army (German Sixth Army in Stalingrad, 1942-43). Maj Richard J. Wright. illus maps Jt Persp 3:70-85 Summer '82

Feat of unfading glory. map Soviet Mil Rev, Battle of Stalingrad sup, No.12:2-6 Dec '82

Lessons in leadership: The legacy of Kursk (Soviet Union). Capt Ronald J. Brown. Armor 91:49-50 Jul-Aug '82

One day in Stalingrad. V.I. Chuikov. map illus Soviet Mil Rev No.9:39-41 Sep '82

Operation "Koltso." Interview. illus map Soviet Mil Rev No.12:34-37 Dec '82

Operation "Uran." Col N. Kobrin. map illus Soviet Mil Rev No.11:34-37 Nov '82

Repair work in the combat zone. LtCol P. Studenikin. Interview. Soviet Mil Rev No.12:27-29 Dec '82

United States

A jaundiced view of tanks. MSgt R.E. Rogge, Ret. illus Armor 91:15-17 Sep-Oct '82

The shape of things to come: The military impact of World War II on civil aviation. John M. Wilson. illus Aerosp Hist 28:262-267 Dec '81

WORLD WAR II - ContinuedUnited States - Cont'd

Soviets meet Americans in Berlin: Confrontation in July. Kaye Martin Johnson. illus Army 32:24-28+ Jul '82

War comes to Niihau. Wilmon Menard. illus Army 32:28-32 Dec '82

WORLDWIDE MILITARY COMMAND AND CONTROL SYSTEM

WWMCCS: Why the goal is to become more robust. illus Govt Exec 14:19-20+ Jun '82

WOUNDS AND INJURIES

Hepato-splenic injury in aircraft accidents. I.R. Hill. tabs Aviation, Space & Envmt Med 53:19-23 Jan '82

Mechanism of vertebral fracture in the F/FB-111 ejection experience. Bernard F. Hearon and others. tabs illus Aviation, Space & Envmt Med 53:440-448 May '82

WRIGHT, Clifton D., Jr

A change at the top. H. Perry Sullivan. illus por AF Engrg & Svcs Qtr 23:30-32 Summer '82

Gen (Clifton D.) Wright takes reins. H. Perry Sullivan. illus por AF Engrg & Svcs Qtr 23:33 Summer '82

Meeting the threat to facilities readiness. MajGen Clifton D. Wright, Jr. illus Mil Engr 74:32-33 Jan-Feb '82

Selling excess properties to reduce the national debt. MajGen Clifton D. Wright, Jr. TIG Brief 34:2 Oct 25 '82

WRITING (COMPOSITION)

See also
Report Writing

Budget justifications at the installation level--an art that can be taught, but isn't. Maj Bryce J. Robinson. Armed Forces Compt 27:36-39 Summer '82

The common errors. Argus Tresidder. MarCor Gaz 66:55-60 Sep '82

Ira C. Eaker Essay Competition. TIG Brief 34:8 Nov 15 '82

Military correspondence--a different perspective. Col Ross L. Meyer. Educ J 24:51-53 AY '82/'83

Some tips for clear writing. H.F. Lippincott. Log Spectrum 16:43-45 Spring '82

X-RAYS

Automated inspection--a means to increased reliability. Anthony P.Trippe. illus Natl Def 66:18-22 Apr '82

YOUTH

United States

Some thoughts on increasing youth involvement in NDTA (National Defense Transportation Association). Richard F.Poist. Def Trans J 38:23-26 Apr '82

YUGOSLAVIA

Politics and Government

Tito's troubled legacy in Yugoslavia. Alex N. Dragnich. illus Mil Sci & Tech 2:62-65 '82

ZERO-BASE BUDGETING

Is it finally time for "sunset"? Bernard T. Pitsvada and Frank D.Draper. Armed Forces Compt 27:9-13 Fall '82

ZOBEL, William M.

The NAVFAC (Naval Facilities Engineering Command) story. RADM William M.Zobel. por chart illus Mil Engr 74:10-14 Jan-Feb '82

ZUMWALT, Elmo R., Jr

The man who changed the Navy. Interview. ADM Elmo R.Zumwalt, Jr, Ret. illus por AF Times, Times Magazine sup:12-15+ Mar 1 '82